ASDEV01 Free Study Guide! with New Update 51 Exam Questions [Q14-Q33

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Get up-to-date Real Exam Questions for ASDEV01 UPDATED [2023]

Blue Prism ASDEV01 exam is an essential certification for developers who want to demonstrate their expertise in designing and developing software robots using Blue Prism. By passing ASDEV01 exam, you will gain valuable skills and knowledge that can be applied to real-world business challenges and open up new job opportunities in the rapidly growing field of robotic process automation.

Blue Prism ASDEV01 exam is a certification test designed for individuals who want to become certified associate developers in Blue Prism. Blue Prism is a leading provider of robotic process automation software solutions, and ASDEV01 exam is designed to test your knowledge and skills in developing and designing software robots using Blue Prism.

NEW QUESTION 14

Process rules or logic are evaluated in Blue Prism using which type of stage?

* Evaluate
* Decision
* Validate
* Calculation
* Logic
Explanation

A decision stage is used to evaluate process rules or logic and branch the process flow based on the outcome of the evaluation. A decision stage can have multiple outcomes and can use expressions to compare values or check conditions1. References: 1

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20

NEW QUESTION 15

A Blue Prism Decision stage needs to test the value of a column in the current row of a Collection The Collection is named ‘Account Data’ The Column is named ‘Account Type’ What is the correct way to reference the required column value in the Collection row. from within the Decision stage?
* {Account Data Account Type)
* [Account Data Account Type]
* {Account Type}
* Collection=”Account Data. Column=Account Type,”
* [Account Type]
Explanation

This is the correct way to reference the required column value in the collection row from within the decision stage. It uses square brackets to enclose the collection name and the column name. The other options are either incorrect or used for different purposes. References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 14)

NEW QUESTION 16

Which of the following are true about a Blue Prism Breakpoint?

(Select all items that apply)
* The Process can be run in Control Room and the session will stop once it reaches the stage which has been assigned a Breakpoint
* A Breakpoint will force the Process to terminate
* The Developer can run the Process in Studio and the Process will stop at the stage which has been assigned a Breakpoint.
* Breakpoints are ignored when a Process in run in Control Room
* A Breakpoint will pause a Process for a defined period of time, at the stage which has been assigned the Breakpoint Once this time has elapsed, the Process will move onto the next stage.
Explanation

These are the correct statements about a Blue Prism breakpoint. It allows the developer to pause the execution of a process or object in studio and inspect the data items and stages. It has no effect when a process is run in control room. The other options are either incorrect or describe different features of Blue Prism. References:

https://bpdocs.blueprism.com/bp-6-10/en-us/helpDebug.htm?TocPath=Interface%7CStudio%7CProcess%20stud (page 2)

NEW QUESTION 17

Drag and drop the Blue Prism debug tool names on the left, onto the placement boxes (A- E) so that the dropped tool name corresponds with the debug tool description beside it:

Go or Play	A	Executes the current stage and any underlying layers of logic in a single step.
Step	B	Runs the Process from the current point forward to the end of the flowchart.
Step over	C	Executes the remaining Stages on the current Page.
Step out	D	Pauses the execution at its current point.
Pause	E	Executes one Stage at a time within a Process.

Go or Play	Step over	Executes the current stage and any underlying layers of logic in a single step.
Step	Go or Play	Runs the Process from the current point forward to the end of the flowchart.
Step over	Step out	Executes the remaining Stages on the current Page.
Step out	Pause	Pauses the execution at its current point.
Pause	Step	Executes one Stage at a time within a Process.

Explanation

Step over	Executes the current stage and any underlying layers of logic in a single step.
Go or Play	Runs the Process from the current point forward to the end of the flowchart.
Step out	Executes the remaining Stages on the current Page.
Pause	Pauses the execution at its current point.
Step	Executes one Stage at a time within a Process.

These are the correct matches between the debug tool names and their descriptions. They allow the user to control and observe the execution of a process or object in studio. The other options are either incorrect or not available. References:

https://bpdocs.blueprism.com/bp-6-10/en-us/helpDebug.htm?TocPath=Interface%7CStudio%7CProcess%20stud (page 1)

NEW QUESTION 18

What is the difference between a Collection and an Undefined Collection?
* A Collection is added to a Process flow diagram during development, whereas an Undefined Collection is added to the diagram dynamically when the Process runs
* A Collection has the column name and data types assigned during development whereas with an Undefined Collection, column names and data types are automatically assigned when the Process runs
* There is no difference between a Collection and an Undefined Collection
Explanation

This is the correct difference between a Collection and an Undefined Collection. The other options are either incorrect or describe the same feature of both types of collections. References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 14)

NEW QUESTION 19

Study the following Blue Prism Process diagram:
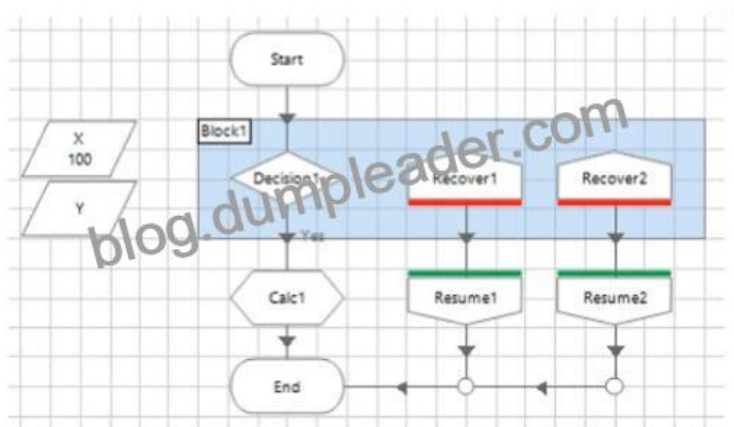
If the Decision1 stage contains an error in the Expression which causes an internal exception to be raised when the Process is run, which Recover stage will receive the Exception?
* It is impossible to determine from the information available
* Recover 1
* Recover2
* The Process will terminate as Blue Prism Block stages will not allow multiple Recover stages to be placed within a Block
Explanation

This is the correct recover stage that will receive the exception because it is the closest recover stage to the decision stage that contains the error. The other options are either incorrect or irrelevant. References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 15)

NEW QUESTION 20

Study the following image which has been taken from a business application which Blue Prism must Attach to, using the Window Text Attribute as the match criteria:
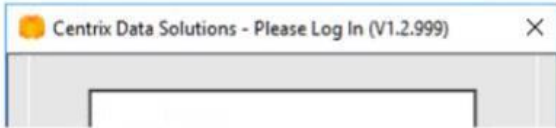
The Window Text Attribute match details are provided below:

The business application receives regular updates from the software provider These updates are easily identifiable as the version details are included in the Window (title) Text, for example (VI 2.999).

The Window Text match attribute must be updated to ensure Application Modeller continues to recognise the business application window, following any version update Which if the following would you use to ensure Application Modeller recognises the application window, regardless of the version number?

*

*

*

*

Explanation

Option B uses a wildcard character (*) to match any text before and after the fixed text “Centrix Data Solutions”.
This way, the application window can be recognized regardless of the version number that may change over time. References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 12)

NEW QUESTION 21

Which of the following are benefits of using a Blue Prism Work Queue in a Process design?

(Select all items which apply)
* Provides data which can be used for effective reporting about items which have been processed
* All Work Queue data is available to view by all Blue Prism users through Control Room
* Enables robust audit information about items which have been processed
* Enables secure storage and management of items being processed
* Enables the same Work Queue item to be processed by the multiple Digital Workers at the same time
Explanation

These are the correct benefits of using a Blue Prism work queue in a process design. They allow the process to handle large volumes
of data efficiently and securely, and provide useful information for analysis and improvement. The other options are incorrect
because work queue data is not available to all users, and work queue items cannot be processed by multiple digital workers at the
same time. References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 16)

NEW QUESTION 22

How would you change the visibility of a Blue Prism Data Item so the value could be read or edited from other Pages in the
Process?
* Variables area of System
* Open Data Properties for the Data Item and disable / uncheck the visibility setting
* Open Data Properties for the Data Item and enable / check the visibility setting
* Environment area of System
Explanation

This is the correct way to change the visibility of a data item so that it can be accessed from other pages in the same process. The
other options are either irrelevant or incorrect. References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 13)

NEW QUESTION 23

Which of the following Blue Prism Data Item data types would you use to store a True or False value?
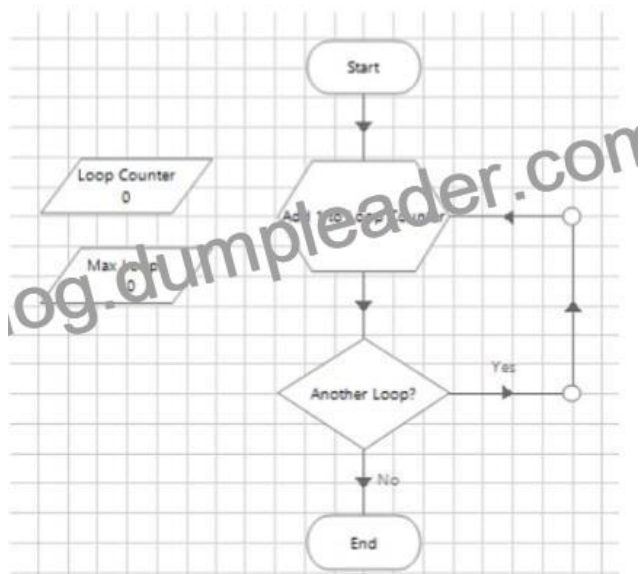* Binary
* Number
* Text
* Flag
* Password

Explanation

This is the correct data type for storing a True or False value in Blue Prism. The other options are either invalid or used for different kinds of values. References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 13)

NEW QUESTION 24

Examine the following diagram from a Blue Prism Process:

This is an example of a common looping diagram which you will see within Blue Prism Processes What is the name given for this type of flow diagram?
* Blue Prism Loop stage
* Circular Path
* Infinite Loop
* Layers of Logic
Explanation

A circular path is a type of flow diagram that uses links to create a loop in the process flow, which can be repeated until a certain condition is met or an exception is thrown2. A circular path typically consists of a decision stage, a loop end stage and a loop start stage3. References: 2

https://bpdocs.blueprism.com/bp-6-10/en-us/helpProcessFlow.htm 3

https://bpdocs.blueprism.com/bp-6-10/en-us/helpLooping.htm

NEW QUESTION 25

Which of the following statements best describes a Blue Prism Local Data Item?
* Blue Prism Data items which can only be accessed from the Mam Page of the Process

* Blue Prism Data items which can be accessed from any Page in the same Process
* Blue Prism Data items which can be accessed from any Page in any Process in the same local environment
* Blue Prism Data items which can only be accessed from the Page in the Process where the item is placed
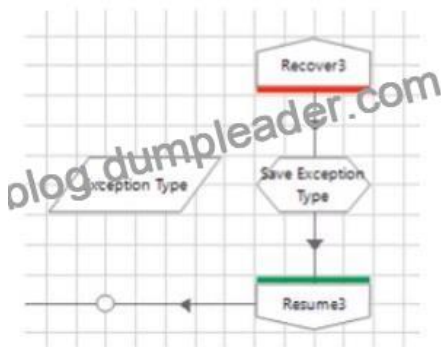Explanation

This is the correct definition of a local data item. The other options are either incorrect or describe different types of data items.
References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 13)

NEW QUESTION 26

Examine the following recover flow taken from a Blue Prism Process

The ‘Exception Type’ data item has no initial value and has a data type of text The Calculation stage ‘Save Exception Type’ will output the current exception type to the “Exception Type’ data item.

What expression would you use in the ‘Save Exception Type’ stage to achieve this?
CurrentException.Type

This is the correct expression to use in the calculation stage to output the current exception type to the data item. It uses the built-in object CurrentException and its property Type to get the value of the exception type.

References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 15)

NEW QUESTION 27

Examine the following Process flow:

The data item ‘City V is configured as a Text data item and has an initial value of ‘LiverpooI’.

The data item ‘City 2’ is configured as a Text data item and has an initial value of ‘Manchester’.

The data item ‘City 3* is configured as a Text data item and has an initial value of ‘London’.

The data item ‘List of Cities’ is configured as a Text data item and has no initial value.

The ‘Calc 1’ stage is configured as follows:

The 'Calc 2' stage is configured as follows:

What will the value of the list of Cities’ data item be after the Process flow has run?
* Manchester. London
* An Exception will be thrown as a data item with a Text data type cannot store a list of text values
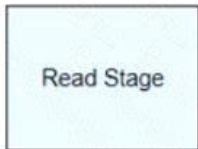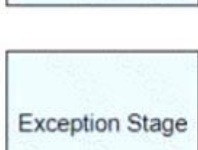* Liverpool Manchester.London
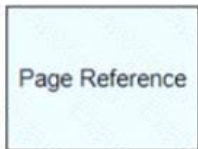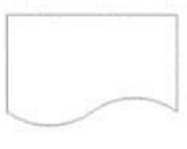
Explanation

The calculation stage will append the values of City 1, City 2 and City 3 to the List of Cities data item, separated by spaces. The text data type can store words or phrases as well as numerical identifiers, and it has no character limit if the data is input by another method than manual1. References: 1

https://bpdocs.blueprism.com/bp-7-0/en-us/helpDatatypes.htm

NEW QUESTION 28

Drag and drop the Blue Prism stage names on the left, onto the placement boxes (A- E) so that the dropped stage name corresponds with the image of the Blue Prism stage beside it:
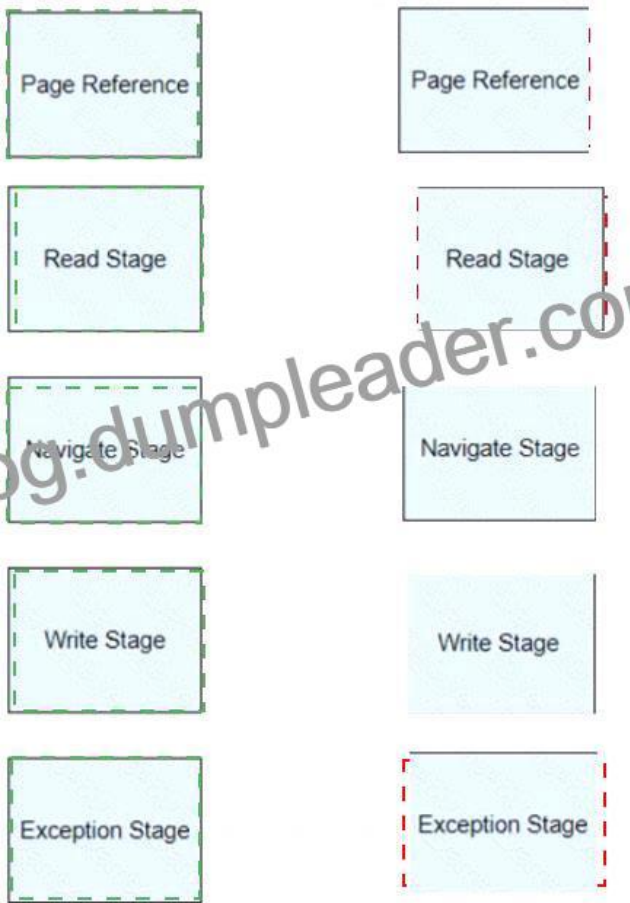
Explanation

A: Page Reference B. Read Stage C. Navigate Stage D. Write Stage E. Exception Stage The page reference stage has an icon of a blue circle with a white arrow pointing to a page, the read stage has an icon of a blue circle with a white eye, the navigate stage has an icon of a blue circle with a white compass, the write stage has an icon of a blue circle with a white pencil, and the exception stage has an icon of a red circle with a white exclamation mark1. References: 1

https://bpdocs.blueprism.com/bp-6-8/en-us/stage-types.htm

NEW QUESTION 29

Which of the following values are valid Blue Prism Control Room session status values’?
* Pending
* Suspended
* Finished
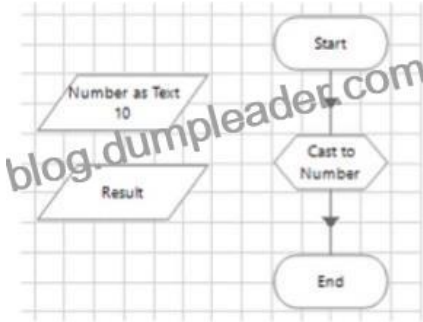* Faulted
* Terminated
* Running
* Paused
Explanation

They indicate the current state of a process session that is being executed by a digital worker. The other options are either invalid or

not related to session status. References:

https://bpdocs.blueprism.com/bp-6-10/en-us/helpDebug.htm?TocPath=Interface%7CStudio%7CProcess%20stud (page 3)

NEW QUESTION 30

Examine the following Blue Prism Process diagram:

The ‘Number as Text’ data item is configured as text data item: and has an initial value of 10 The ‘Result’ data item is configured as a number data item.

The ‘Cast to Number’ Calculation stage must output the text value stored in the ‘Number as Text1 data item, to the Result data item Which of the following expressions would you use in the ‘Cast to Number1 Calculation stage to set the value of the ‘Result’ data item?
* [Number as Text]
* Convert(Number as Text “NUMBER”)
* Cast([Number as Text])
* Cast([Number as Text. TEXT)
Explanation

This is the correct expression to use in the calculation stage to set the value of the result data item. It uses the convert function to convert the text value stored in the number as text data item to a number value. The other options are either incorrect or used for different purposes. References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 14)

NEW QUESTION 31

Which of the following statements best describes a Blue Prism Global Data Item?
* Blue Prism Data items which can only be accessed from the Page in the Process where the item is placed
* Blue Prism Data items which can only be accessed from the Mam Page of the Process
* Blue Prism Data items which have had the visibility setting disabled therefore the value is available to all Pages in all Processes
* Blue Prism Data items which have had the visibility setting disabled, therefore the value is available to all Pages of the same Process
Explanation

This is the correct definition of a global data item. The other options are either incorrect or describe different types of data items. References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 13)

NEW QUESTION 32

What is a Blue Prism Process?
* A business flow diagram
* A computer application
* A business flow chart
* A graphical representation of a working computer program which automates manual repetitive tasks
Explanation

A Blue Prism process is a graphical representation of a working computer program that automates manual repetitive tasks using business objects and stages. A process can be run by an operator or scheduled by a control room2. References: 2 https://www.koenig-solutions.com/blue-prism-associate-developer-course

NEW QUESTION 33

Examine the following Blue Prism Process diagram:
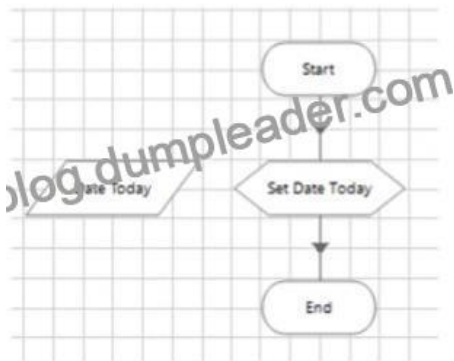
The ‘Date Today’ data item is a Date data item.

The Calculation stage is required to set the value of the ‘Date Today’ data item to the current date Which of the following Blue Prism functions would you use in the Calculation stage to set the value of the

‘Date Today’ data item?
* Today()
* “mm/dd/yyyy”
* GetDate()
* Now()
* “dd/mm/yyyy”
Explanation

This is the correct function to use in the calculation stage to set the value of the date today data item to the current date. It returns the current date and time as a date value. The other options are either incorrect or used for different purposes. References:

https://portal.blueprism.com/sites/default/files/2021-05/Blue%20Prism%20Certification%20-%20Associate%20D (page 14)

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