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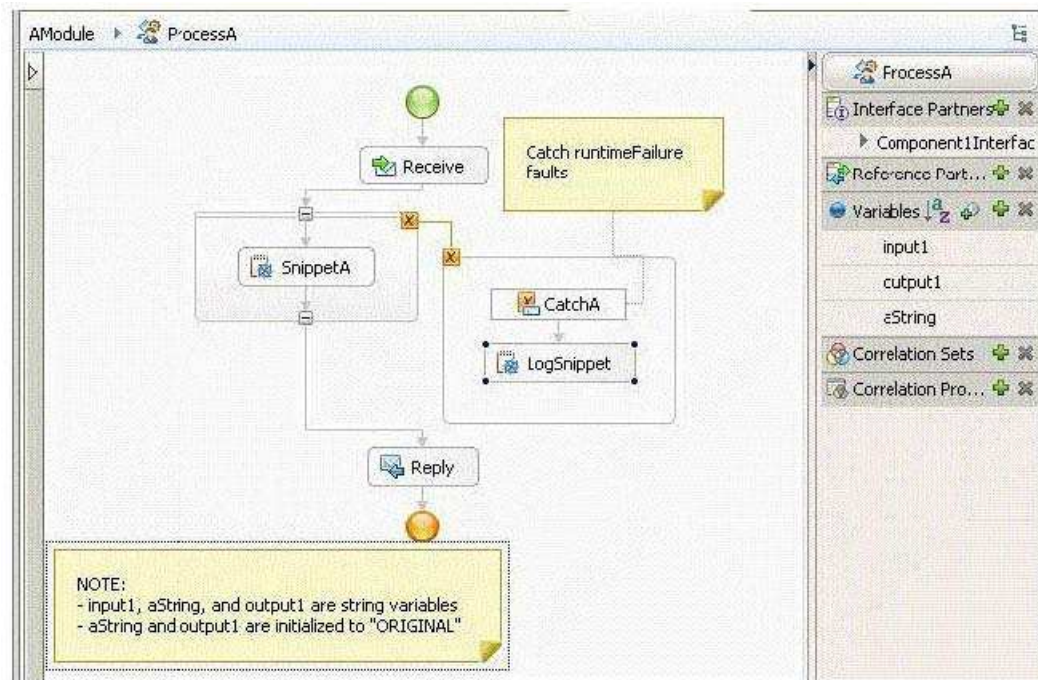
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Exam : A2180-270

Title : Assessment: IBM Business
Process Manager Advanced
V7.5, Integration
Development

Version : DEMO

1. An integration developer is testing the process shown in the following exhibits.



Task Flows Build Activities Properties Problems Server Logs Servers

Receive - Receive

Description: Partner:* Component1Interface Browse...

Details: Interface:* Component1Interface

Server: Operation:* operation1

Authorization:

Exit Condition: ☒ Use data type variables mapping

	Name	Type	Store into Variable
Inputs	input1	string	input1

Correlation

Environment

Event Monitor

Global Event Settings

Snippet - SnippetA

Description:

Details: ☐ Visual ☒ Java

```

/*@bpe.readOnlyVariables names="aString"*/
output1 = "MODIFIED";
aString = "MODIFIED";
if ( input1.length() != 0 ) {
    throw new IllegalArgumentException();
}

```

Server

Administration

Exit Condition

Performance

Expiration

Environment

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Snippet - LogSnippet

Description:

Details: ☐ Visual ☒ Java

```

System.out.println("output1="+output1+" :: "+
    "aString="+aString);

```

Server

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Exit Condition

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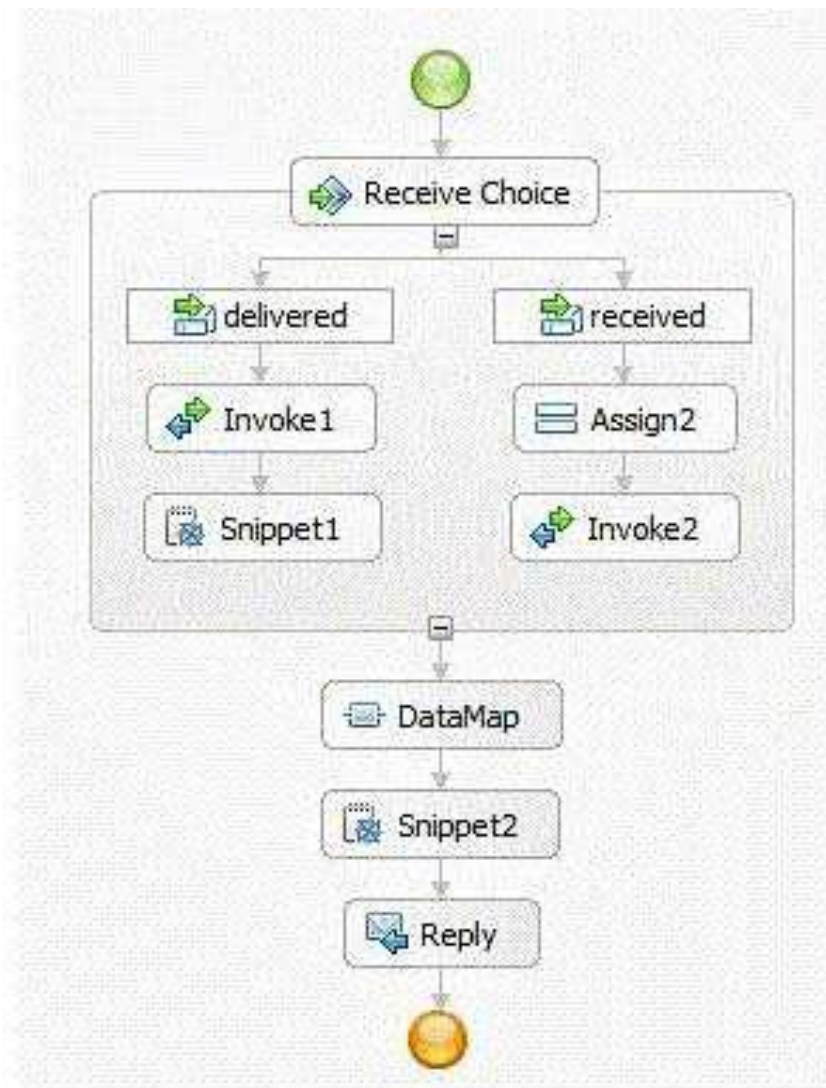
If the integration developer starts an instance of the ProcessA process with an input of "HELLO", which of the following strings will the LogSnippet snippet write to System.out?

- A. output1=ORIGINAL :: aString=ORIGINAL
- B. output1=ORIGINAL :: aString=MODIFIED
- C. output1=MODIFIED :: aString=ORIGINAL

D. output1=MODIFIED :: aString=MODIFIED

Answer: C

2. An integration developer has developed the following business process, as shown in the exhibit: The invoke activities Invoke1 and Invoke2 are synchronous invocations and execute in a few seconds. A compensation handler needs to be defined for Snippet2 following a business action from the customer. The customer considers performance to be a key requirement. How would the integration developer implement these requirements? The business process needs to be a:



- A. long-running process because of the required fault handler.
- B. long-running process because of the required compensation handler.
- C. microflow because no human tasks are required.

D. microflow for best performance as every invoke activity uses synchronous invocation and executes quickly.

Answer: B

3.An integration developer needs to check which Common Event Infrastructure (CEI) events have been generated for a business process and review the information contained inside each event. Where will the integration developer find this information?

A. In the Common Base Event browser application.

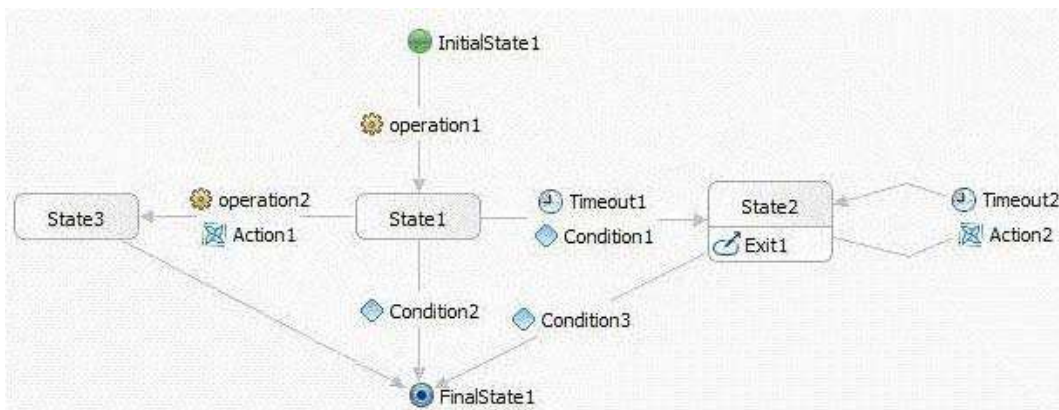
B. In the monitoring widgets in Business Space.

C. In the administrative console -> Service Integration -> Common Event Infrastructure -> Event Service

D. In the Business Process Choreographer Explorer -> Views tab -> Process Instances -> Events generated

Answer: A

4.An integration developer has configured a business state machine, as shown below:



What behavior will the integration developer observe when executing the flow?

A. If Condition3 is false, then Exit1 will execute after Timeout2 expires.

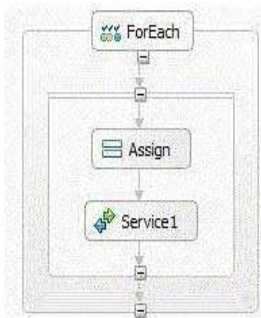
B. If Condition1 and Condition2 are both true, then a runtime exception will be thrown.

C. If Condition1 is false, then Timeout1 will not be evaluated.

D. If Condition1 and Condition2 are both false, then operation2 will be called by the business state machine.

Answer: A

5. An integration developer has configured a BPEL business process for a customer, as shown below:



Execution of iterations: ☐ Sequential ☒ Parallel

Index-Variable Name:

Iteration

Define the bounds of the range to iterate over by specifying an iteration type.

Type: Expression

Start Expression:

Expression Language:

Expression Type: ☐ Visual ☒ Java

`return min;`

End Expression:

Expression Language:

Expression Type: ☐ Visual ☒ Java

`return max;`

Early Exit Criterion

Define when to exit the iteration.

Type: none ☐ Count successful iterations only

Assume that max is greater than min. What should the integration developer take into account when implementing this for each loop?

- A. There must be an array associated with the for each loop.
- B. It is possible to exit the loop before Index is equal to max.
- C. The values of min and max cannot be changed once the for each activity begins.
- D. If the scope inside of the for each activity is set to isolated, then the activities will run sequentially.

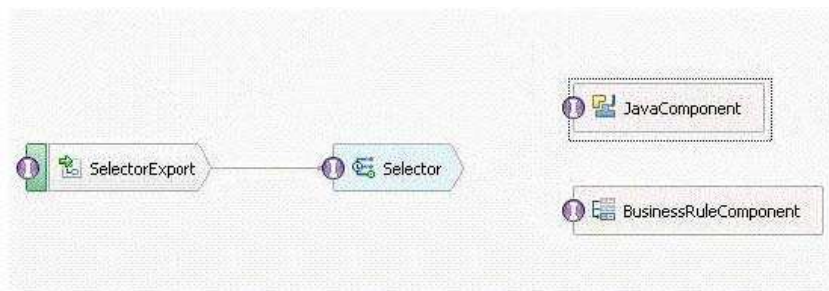
Answer: D

6.A client requires that a new BPEL process return a fault message to the requester in case the process does not complete correctly. The integration developer has added a fault handler to the process to catch all exceptions. How should the integration developer return the fault message?

- A. Use a throw activity of a business fault.
- B. Use a reply activity using a standard fault.
- C. Use a reply activity using a business fault defined in the interface.
- D. Use a rethrow activity in the fault handler on the process scope using a fault defined in the interface.

Answer: C

7.An integration developer needs to rewrite business rule logic written in Java using a business rule component. The integration developer has implemented the selector shown in the exhibits below.



General	
Interfaces	
SelectorInterface	
getApproval	

Scheduled Component		
Default Component: <i>Enter SC4 Component</i>		
Start Date	End Date	Component
Jan 1, 2012 12:00 AM	Dec 31, 2012 12:59 PM	JavaComponent
Jan 1, 2013 12:00 AM	Dec 31, 2013 12:59 PM	BusinessRuleComponent
Selection Criteria: Current date		

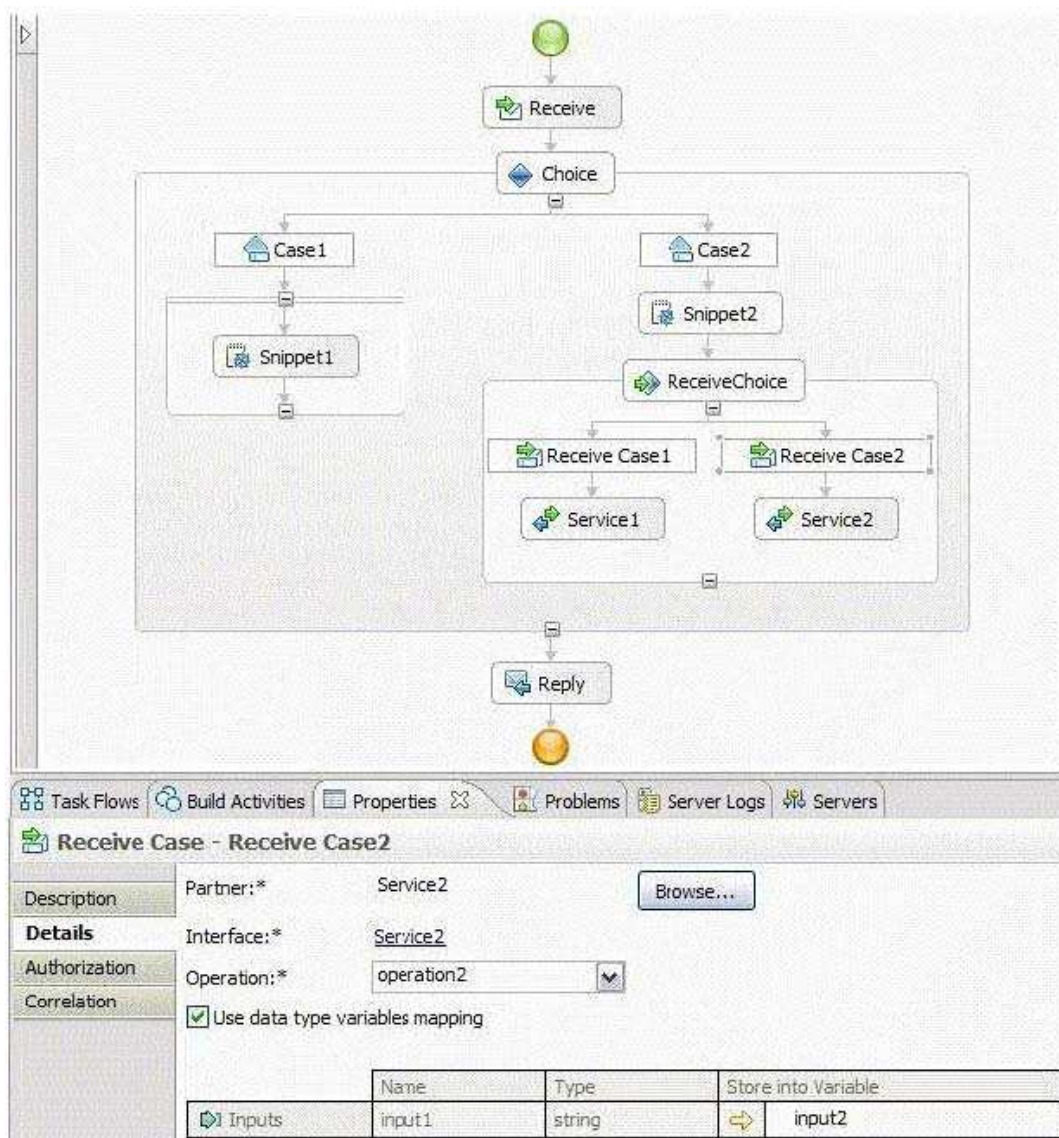
What behavior will the integration developer observe with the configured selector?

- A. The module will fail to compile because there is no wiring between the selector and the destination components.

- B. The module will fail to compile because the destination of the selector can only be rule logic or decision table.
- C. The runtime exception will be thrown because there is no default component configured.
- D. The runtime exception will be thrown if the date when the selector is invoked does not fall in any of the specified date ranges.

Answer: D

8. An integration developer has configured a BPEL business process for a customer, as shown below:



What should the integration developer consider when implementing this flow?

- A. An Otherwise element must be added to the Choice activity.
- B. A Timeout element must be added to the ReceiveChoice activity.
- C. It is possible for Snippet1 and Snippet2 to run concurrently in the same instance of the process.
- D. If Snippet1 is invoked in an instance of the process, that instance will not receive messages sent to the Service2 interface.

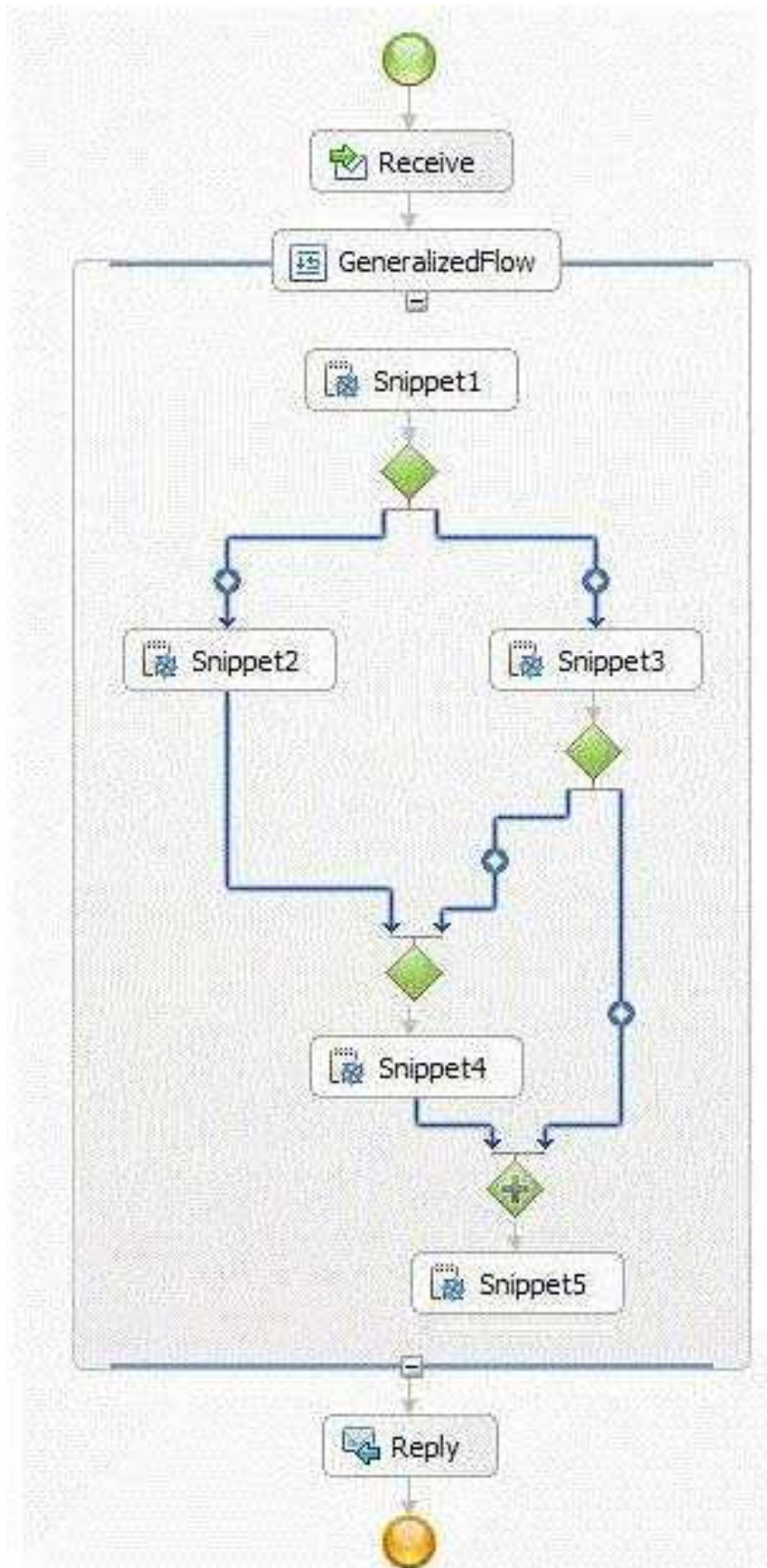
Answer: D

9.A business analyst has made several runtime changes to deployed business rules that were implemented in IBM Integration Designer (IID). Which task should the integration developer perform so that the rule group can be imported using IID, and the changes are reflected in the project source?

- A. Use the administrative console to export the rule group.
- B. Use the Business Rule Manager application to export the rule group.
- C. Use the Business Rules widget in Business Space to export the rule group.
- D. Use the Business Process Choreographer (BPC) Explorer to export the rule group information.

Answer: A

10.An integration developer has configured a BPEL business process for a customer, as shown below: What behavior will the integration developer observe when executing the flow?



- A. It is possible for both Snippet2 and Snippet3 to execute.
- B. The execution order of the links entering Snippet2 and Snippet3 has no impact on the process flow.

C. The gateway leading into Snippet5 will cause an error because the navigation behavior is not set correctly.

D. The gateway leading into Snippet4 will cause an error because the link exiting Snippet2 has no condition.

Answer: C