

IBM

Exam A2180-270

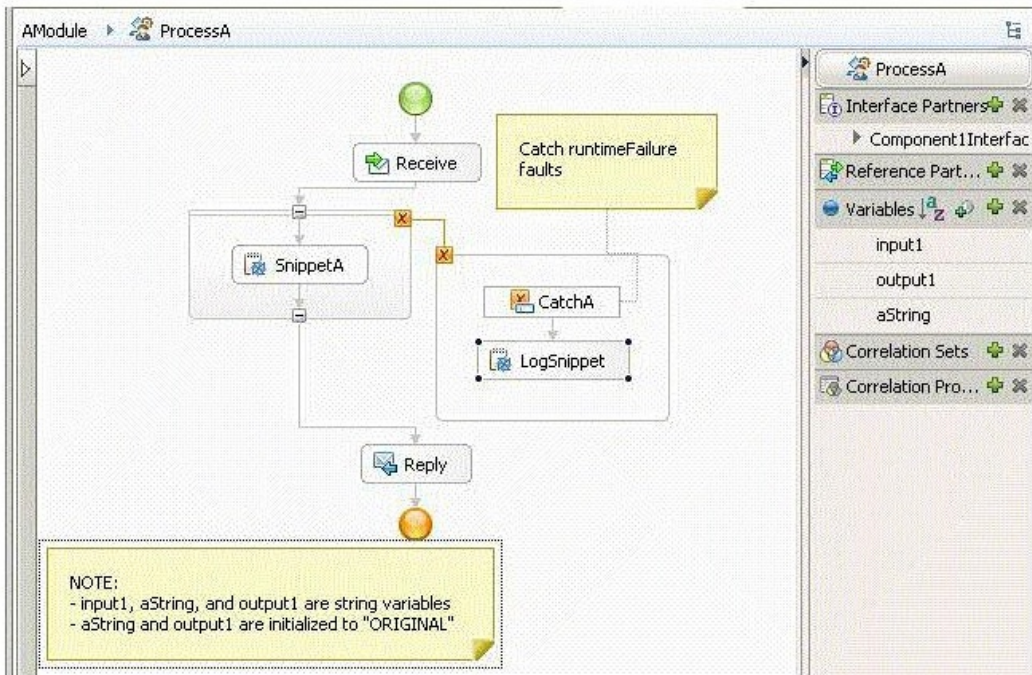
**IBM Business Process Manager Advanced V7.5, Integration
Development**

Version: 6.0

[Total Questions: 56]

Question No : 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

Use data type variables mapping

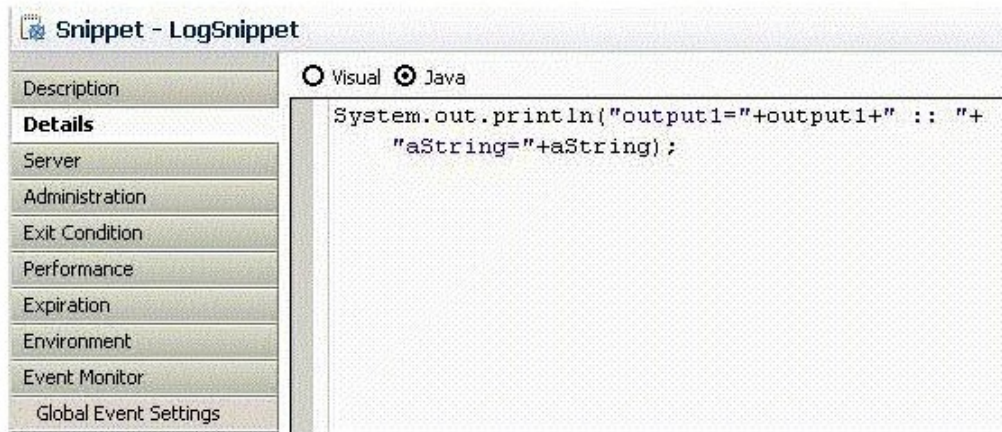
	Name	Type	Store into Variable
Inputs	input1	string	input1

Snippet - SnippetA

Description Visual Java

```

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



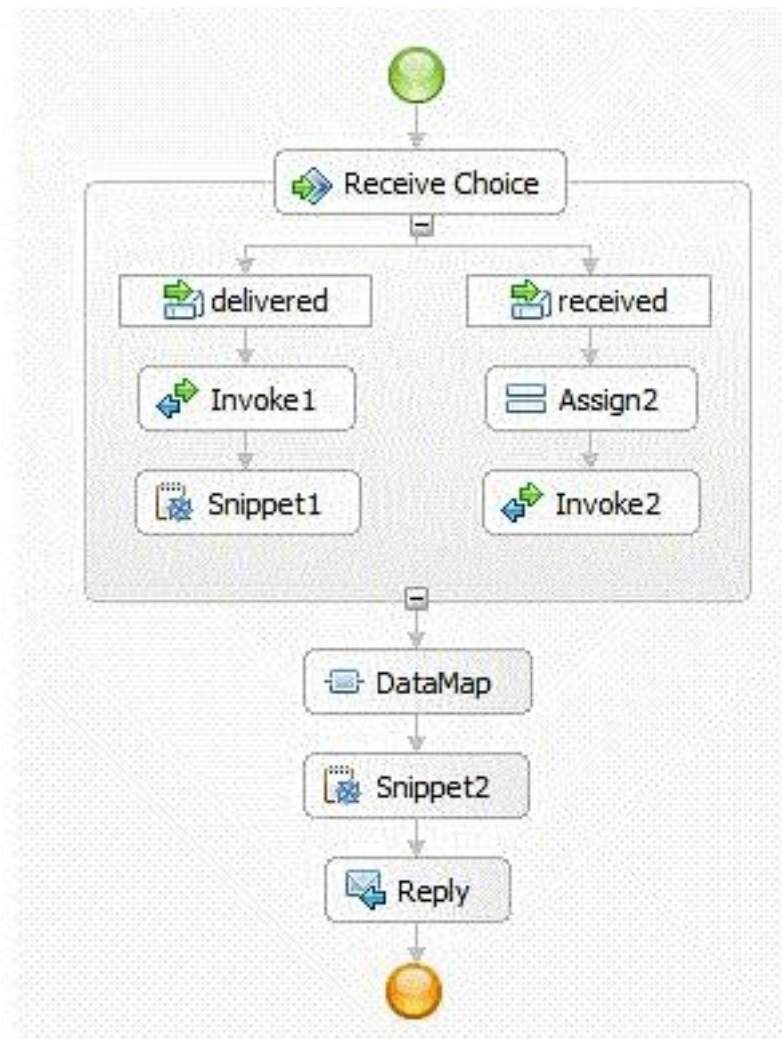
If the integration developer starts an instance of the ProcessA process with an input of "HELLO", which of the following strings will the LogSnippet snippet write to System.out?

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

Answer: C

Question No : 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

Question No : 3

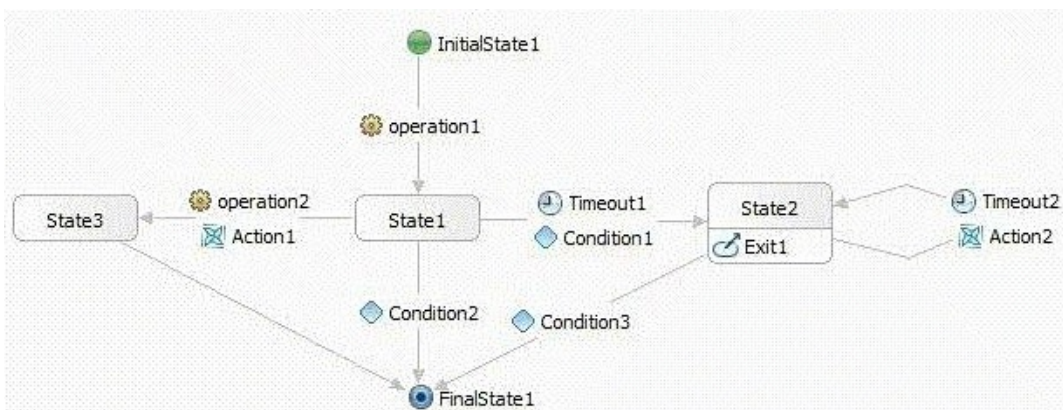
An integration developer needs to check which Common Event Infrastructure (CEI) events have been generated for a business process and review the information contained inside each event. Where will the integration developer find this information?

- 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

Question No : 4

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



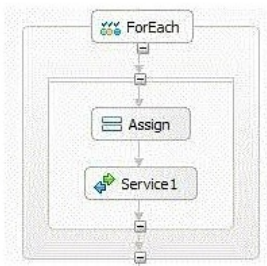
What behavior will the integration developer observe when executing the flow?

- A. If Condition3 is false, then Exit1 will execute after Timeout2 expires.
- B. If Condition1 and Condition2 are both true, then an 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

Question No : 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:

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: 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

Question No : 6

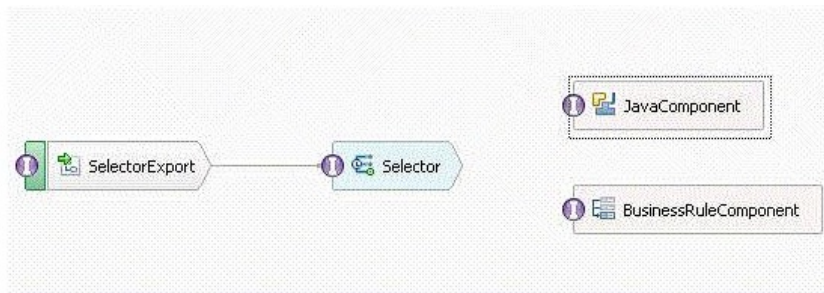
A client requires that a new BPEL process return a fault message to the requester in case the process does not complete correctly. The integration developer has added a fault handler to the process to catch all exceptions. How should the integration developer return the fault message?

- 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

Question No : 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: *Enter SCA Component*

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

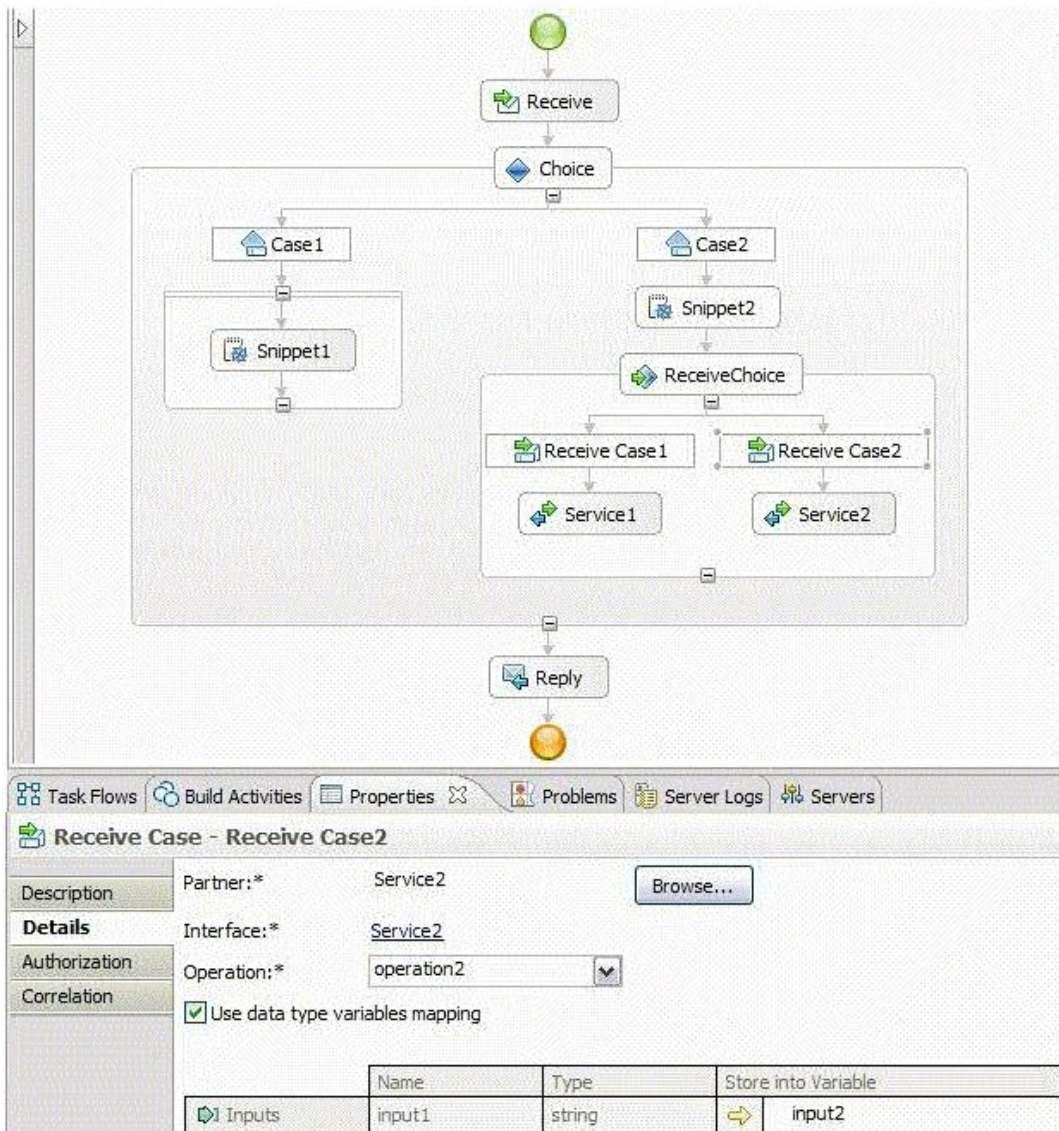
What behavior will the integration developer observe with the configured selector?

- 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

Question No : 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.