Flow Steps Exercise

Repeat

Exercise 1:

Simulate repeat on a flow step pub.math:addInts and make it to repeat number of times that it is mentioned in Count property and setting Repeat on property.

Exercise 2:

Simulate repeat on a Failed step (pub.math:divideInts with one input number set to 0) and check number of times it repeats using $retries by setting Count and Repeat on property.

Exercise 3:

Simulate repeat on a Successful step and check number of times it repeats using $retries by setting Count and Repeat on property.

Exercise 4:

Make use of repeat to implement do-while mechanism.

Exercise 5:

Simulate repeat on adapter service by setting Repeat on property either to Success or Failure.

Exercise 6:

Simulate repeat on failed flow step by setting Repeat on property to Failure and Repeat Interval to 5. Check the execution of repeat.

Exercise 7:

Simulate repeat on successful flow step by setting Repeat on property to Success and Repeat Interval to 5. Check the execution of repeat.

Exercise 8:

Group the steps under Repeat and set the Repeat on property to Failure and Count property to 4, have one success step under repeat. Check the execution of repeat.

Exercise 9:

Group the steps under Repeat and set the Repeat on property to Success and Count property to 4, have one failure step under repeat. Check the execution of repeat.

Exit

Exercise 1:

Create a flow service to illustrate EXIT flow step with Exit from property set to $flow.

Exercise 2:

Create a flow service to illustrate EXIT flow step with Exit from property set to $loop.

Exercise 3:

Create a flow service to illustrate EXIT flow step with Exit from property set to $parent.

Exercise 4:

Create a flow service to illustrate EXIT flow step with Exit from property set to $flow and signal property set to SUCCESS and indicate Failure message.

Exercise 5:

Create a flow service to illustrate EXIT flow step with Exit from property set to $flow and signal property set to FAILURE and indicate Failure message.

Exercise 6:

Create a flow service to illustrate EXIT flow step with Exit from property set to $loop and signal property set to SUCCESS and indicate Failure message.

Exercise 7:

Create a flow service to illustrate EXIT flow step with Exit from property set to $loop and signal property set to FAILURE and indicate Failure message.

Exercise 8:

Create a flow service to illustrate EXIT flow step with Exit from property set to $parent and signal property set to SUCCESS and indicate Failure message.

Exercise 9:

Create a flow service to illustrate EXIT flow step with Exit from property set to $parent and signal property set to FAILURE and indicate Failure message.

Exercise 10:

Create employee document list with field names empName, empId, empLocation, empSalary. The employee document list should have 5 entries with different empLocation. Simulate loop over it. Exit the flow if the empLocation is Bangalore (Use Branch on expression flow step).

Exercise 11:

Create employee document list with field names empName, empId, empLocation, empSalary. The employee document list should have 10 entries. Simulate loop over it. Use Branch on switch value depending on empSalary. Exit the flow if empSalary is 20000, Exit the loop if empSalary is 25000 and Exit the parent step if empSalary is 30000.

Exercise 12:

Create a flow service to add numbers with two input variables. Exit the flow if any one of input variables is empty or null. (HINT: Use Branch to determine weather variables empty or not).

Exercise 13:

Simulate branch on switch depending on input variable orderId. Exit the flow if the value is null. Exit the parent if the value is 100.

Exercise 14:

Simulate branch on expression depending on input variable orderName. Exit the flow if orderName is null or empty. Exit the parent if orderName is equal to Chocolate.

Exercise 15:

Create employee document list with field names empName, empId, empLocation, empSalary. The employee document list should have 8 entries with different empLocation. Simulate loop over it. Exit the flow if the empLocation is Bangalore or else insert the employee details into database table.

Exercise 16:

Group the steps under one sequence along with exit flow step. Check the execution of service without setting exit from property.