Number of data produced every 400ms

PS   PC

Table 1

	Number of data produced		PS	PC		
	2373		2867	6332		
	3415		1218	6392		
	2478		802	6543		
	4110		1118	6544		
	5648		2819	6555		
	6750			6568		
	7404			6591		
	3996			6621		
	10025			6638		
	8538			6651		
	9624					
	9255					
	2457					
	15234					
	6465					

Subscribe:
Successful received all messages asked:

Publisher:

```
Connected to registry
Stub initialized
Recieving message on topic : A
Total wall time to receive all message 2037ms.
Total message received for this topic: 10000
 ... Looks like Subscribe Client is working too
Recieving message on topic : B
Total wall time to receive all message 2008ms.
Total message received for this topic: 10000
 ... Looks like Subscribe Client is working too
Recieving message on topic : C
Total wall time to receive all message 651ms.
Total message received for this topic: 10000
 ... Looks like Subscribe Client is working too
Recieving message on topic : D
Total wall time to receive all message 846ms.
Total message received for this topic: 10000
 ... Looks like Subscribe Client is working too
Recieving message on topic : E
Total wall time to receive all message 535ms.
Total message received for this topic: 10000
 ... Looks like Subscribe Client is working too

Process finished with exit code 0
```

```
Stub initialized
Pub id = D
Pub id = C
Pub id = E
Pub id = B
Pub id = A
Stub initialized
Pub id = D
Pub id = E
Pub id = B
Pub id = C
Pub id = A
Total wall time to sent all message 6332ms.
Totall messages send: 10000
Publish Client is working
Total wall time to sent all message 6392ms.
Totall messages send: 10000
Publish Client is working
Total wall time to sent all message 6543ms.
Totall messages send: 10000
Publish Client is working
Total wall time to sent all message 6544ms.
Totall messages send: 10000
Publish Client is working
Total wall time to sent all message 6555ms.
Totall messages send: 10000
Publish Client is working
Total wall time to sent all message 6568ms.
Totall messages send: 10000
Publish Client is working
Total wall time to sent all message 6591ms.
Totall messages send: 10000
Publish Client is working
Total wall time to sent all message 6621ms.
Totall messages send: 10000
Publish Client is working
Total wall time to sent all message 6638ms.
Totall messages send: 10000
Publish Client is working
Total wall time to sent all message 6651ms.
Totall messages send: 10000
Publish Client is working
2 Publish Client(s) have done their work
```

Subscribe with wait period
Unsuccessful received all messages asked:
Return number of the successful received.

```
Subscriber Client Starter
Connected to registry
Stub initialized
Sleep Time: 100
Sleep Time: 200
Sleep Time: 400
Sleep Time: 800
Sleep Time: 1600
Sleep Time: 3200
Failed to request all content, part of missing
Recieving message on topic : A
Total wall time to receive all message 14761ms.
Total message received for this topic: 8631
 ... Looks like Subscribe Client is working too
Sleep Time: 100
Sleep Time: 200
Sleep Time: 400
Sleep Time: 800
Sleep Time: 1600
Sleep Time: 3200
Failed to request all content, part of missing
Recieving message on topic : B
Total wall time to receive all message 13652ms.
Total message received for this topic: 9995
 ... Looks like Subscribe Client is working too
```

Diagnose return the numbers of messages in the server of each topic (every 400 ms):

When 30s reached, start to remove the message from server(Delete one message at a time with sleep interval of 2000ms):
Deleted is in the by how the message was inserted into server (FIFO).

```
Diagnose Client Starter
Connected to registry
Diagnose initialized
A:579,
B:692,
C:537,
D:554,
E:635,
 ... Looks like Diagnose Client is working too
A:1008,
B:1151,
C:995,
D:1015,
E:1217,
 ... Looks like Diagnose Client is working too
A:1781,
B:1870,
C:2097,
D:1955,
E:1691,
 ... Looks like Diagnose Client is working too
A:2656,
B:2357,
C:2916,
D:2935,
E:2149,
 ... Looks like Diagnose Client is working too
A:3483,
B:3729,
C:3792,
D:4022,
E:3011,
 ... Looks like Diagnose Client is working too
A:4060
```

```
trying
1476815334194
Succesed remove message with ID: 1
trying
1476815334195
Succesed remove message with ID: 2
trying
1476815334196
Succesed remove message with ID: 3
trying
1476815334197
Succesed remove message with ID: 4
trying
1476815334199
Succesed remove message with ID: 5
trying
1476815334199
Succesed remove message with ID: 6
trying
```