

```
D:\AU\AssignmentUpdated\SAU-Feb-Batch-2\java_multithreading_morning\1_Producer_Consumer>javac ProducerConsumer.java
```

```
D:\AU\AssignmentUpdated\SAU-Feb-Batch-2\java_multithreading_morning\1_Producer_Consumer>java ProducerConsumer
```

```
Producer produced amount 2
Producer produced amount 4
Producer produced amount 8
Consumer consumed amount 1
Consumer consumed amount 2
Consumer consumed amount 3
Consumer consumed amount 4
Consumer consumed amount 5
Consumer consumed amount 2
Consumer consumed amount 4
Producer produced amount 16
Producer produced amount 32
Producer produced amount 64
Queue is full..
```

```
Wait for consumer to consume.
```

```
Consumer consumed amount 8
Producer produced amount 128
Queue is full..
```

```
Wait for consumer to consume.
```

```
Consumer consumed amount 16
Consumer consumed amount 32
Consumer consumed amount 64
```

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Terminal Help

java_multithreading_morning - Visual Studio Code

1: cmd

TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE

Consumer consumed amount 8
Producer produced amount 128
Queue is full..

Wait for consumer to consume.

Consumer consumed amount 16
Consumer consumed amount 32
Consumer consumed amount 64
Producer produced amount 256
Producer produced amount 512
Consumer consumed amount 128
Consumer consumed amount 256
Producer produced amount 1024
Producer produced amount 2048
Producer produced amount 4096
Consumer consumed amount 512
Producer produced amount 8192
Queue is full..

Wait for consumer to consume.

Consumer consumed amount 1024
Producer produced amount 16384
Queue is full..

Wait for consumer to consume.

Consumer consumed amount 2048
Consumer consumed amount 4096
Producer produced amount 32768

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TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE

1: cmd

Consumer consumed amount 4194304
Producer produced amount 67108864
Consumer consumed amount 8388608
Consumer consumed amount 16777216
Consumer consumed amount 33554432
Producer produced amount 134217728
Consumer consumed amount 67108864
Producer produced amount 268435456
Consumer consumed amount 134217728
Consumer consumed amount 268435456
Producer produced amount 536870912
Producer produced amount 1073741824
Producer produced amount -2147483648
Producer produced amount 0
Consumer consumed amount 536870912
Producer produced amount 0
Queue is full..

Wait for consumer to consume.

Consumer consumed amount 1073741824
Consumer consumed amount -2147483648
Consumer consumed amount 0
Consumer consumed amount 0
Queue is empty !!!!!
Wait for the producer to produce the amount
Producer produced amount 0
Producer produced amount 0
Producer produced amount 0
Producer produced amount 0

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