Assignment 1

Question1

```
Enter 5 numbers
1 2 3 4 5
Average:6.0
```

Question2

```
Original order:[fix bug!, buy milk, call mom, read book]
Reverse print:
read book
call mom
buy milk
fix bug!
```

Question3

```
After 'java': [java]
After 'collections': [java, collections]
After 'deque': [java, collections, deque]
After 'stack': [collections, deque, stack]
After 'blockingqueue': [deque, stack, blockingqueue]
Final last 3: [deque, stack, blockingqueue]
```

Question4

```
Problems  Javadoc  Declaration  Console ×  Progress
<terminated> ass4 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plugins\org.eclipse.justj.openjdk.hots
Stack: [type A, type B, type C]
Undo : type C
Redo : [type A, type B, type C]
```

Question5

```
Problems  Javadoc  Declaration  Console ×  Progress
<terminated> ass5 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plugins\org.eclipse.justj.openj
Opened YT -> [YT]
Opened Maps -> [Maps, YT]
Opened Chrome -> [Chrome, Maps, YT]
Opened YT -> [YT, Chrome, Maps]
Opened Twitter -> [Twitter, YT, Chrome, Maps]
Opened Chrome -> [Chrome, Twitter, YT, Maps]
Final after 5 opens: [Chrome, Twitter, YT, Maps]
```

Question6

```
Problems  Javadoc  Declaration  Console ×  Progress
<terminated> ass6 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plugins\org.eclipse.justj.oper
[Ana]
[Mark, Ana]
[John, Mark, Ana]
[John, Mark, Ana, Lia]
[John, Mark, Ana, Lia, Eve]
Serving order:
John
Mark
Ana
Lia
Eve
```

Question7

```
Problems  Javadoc  Declaration  Console ×  Progress
<terminated> ass7 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEA
Picked: ProdOutage(u=1)
Picked: UI(u=2)
Picked: DBFix(u=2)
Picked: Mail(u=3)
```

Question8

```
<terminated> ass8 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plugins\org.e
[hi]
[hi, how r u]
[hi, how r u, fine]
[hi, how r u, fine, send file]
[how r u, fine, send file, got it]
[fine, send file, got it, thanks]
Last 4: [fine, send file, got it, thanks]
```
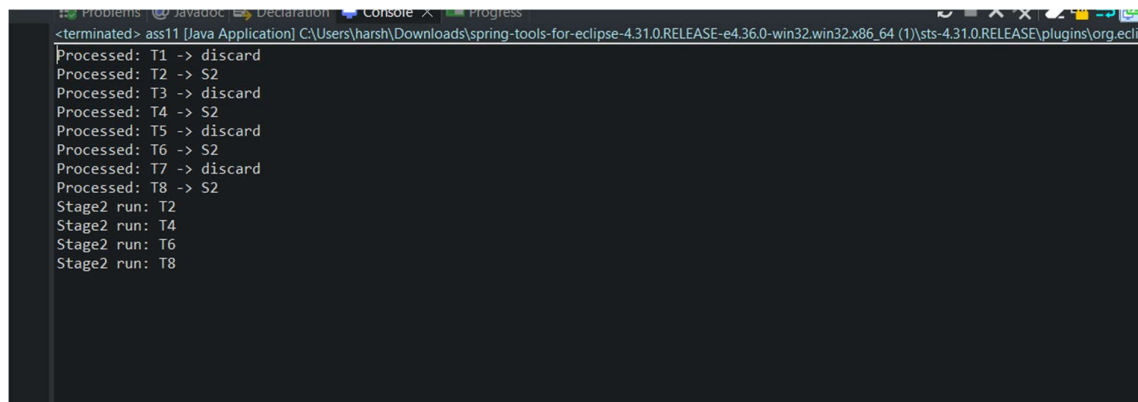
Question9

```
<terminated> ass9 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plu
Queued: doc1
Queued: doc2
Queued: doc3
Skipped (full): doc4
Skipped (full): doc5
Printing: doc1
Printing: doc2
Printing: doc3
```

Question10

```
Problems  @ Javadoc  Declaration  Console X  Progress
<terminated> ass10 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plugins\org.eclipse.ju
Read: msg-1 (queue=4)
Read: msg-2 (queue=4)
Read: msg-3 (queue=4)
Read: msg-4 (queue=4)
Read: msg-5 (queue=4)
Read: msg-6 (queue=4)
Read: msg-7 (queue=4)
Read: msg-8 (queue=5)
Read: msg-9 (queue=4)
Read: msg-10 (queue=3)
Read: msg-11 (queue=2)
Read: msg-12 (queue=1)
Done
```
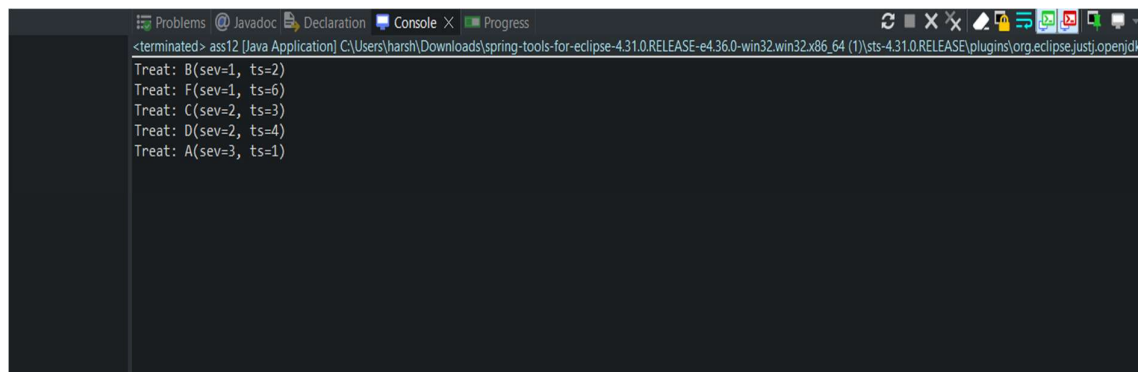
Question11

```
Problems  Javadoc  Declaration  Console ×  Progress
<terminated> ass11 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plugins\org.ecli
Processed: T1 -> discard
Processed: T2 -> S2
Processed: T3 -> discard
Processed: T4 -> S2
Processed: T5 -> discard
Processed: T6 -> S2
Processed: T7 -> discard
Processed: T8 -> S2
Stage2 run: T2
Stage2 run: T4
Stage2 run: T6
Stage2 run: T8
```

Question12

```
Problems  Javadoc  Declaration  Console ×  Progress
<terminated> ass12 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plugins\org.eclipse.justj.openjdk
Treat: B(sev=1, ts=2)
Treat: F(sev=1, ts=6)
Treat: C(sev=2, ts=3)
Treat: D(sev=2, ts=4)
Treat: A(sev=3, ts=1)
```