

```
"C:\Program Files\Java\jdk-17.0.5\bin\java.exe" "-javaagent:C:\Program
Files\JetBrains\IntelliJ IDEA 2023.2.4\lib\idea_rt.jar=64092:C:\Program
Files\JetBrains\IntelliJ IDEA 2023.2.4\bin" -Dfile.encoding=UTF-8 -
classpath "C:\Users\ASUS\Documents\Sem 7\Concurrent Programming\Labs\Lab 2
\Lab2_190705B_190545H\out\production\Lab2_190705B_190545H" Main
+++++ Senate Bus Stop +++++
***** Bus Capacity: 50 *****
1 Riders on waiting
2 Riders on waiting
3 Riders on waiting
4 Riders on waiting
5 Riders on waiting
6 Riders on waiting
7 Riders on waiting
8 Riders on waiting
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89 Riders on waiting
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92 Riders on waiting
93 Riders on waiting
94 Riders on waiting
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99 Riders on waiting

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105 Riders on waiting
106 Riders on waiting
107 Riders on waiting
108 Riders on waiting
109 Riders on waiting
110 Riders on waiting

***** NOTICE - BUS ARRIVED !!! ***

[illegible]

Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
50 Riders are boarded to the Bus and 60 Riders are left waiting for next bus

***** NOTICE - BUS DEPARTED !!! ***

61 Riders on waiting
62 Riders on waiting
63 Riders on waiting
64 Riders on waiting
65 Riders on waiting
66 Riders on waiting
67 Riders on waiting
68 Riders on waiting
69 Riders on waiting
70 Riders on waiting
71 Riders on waiting
72 Riders on waiting
73 Riders on waiting
74 Riders on waiting
75 Riders on waiting
76 Riders on waiting
77 Riders on waiting
78 Riders on waiting
79 Riders on waiting

***** NOTICE - BUS ARRIVED !!! ***

79 Riders are waiting for Bus
50 Riders can board to Bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus

[illegible]

***** NOTICE - BUS DEPARTED !!! ***

```

30 Riders on waiting
31 Riders on waiting
32 Riders on waiting
33 Riders on waiting
34 Riders on waiting
35 Riders on waiting
36 Riders on waiting
37 Riders on waiting
38 Riders on waiting

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39 Riders on waiting
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61 Riders on waiting
62 Riders on waiting
63 Riders on waiting
64 Riders on waiting
65 Riders on waiting

***** NOTICE - BUS ARRIVED !!! ***

[illegible]

[illegible]

***** NOTICE - BUS DEPARTED !!! ***

```
16 Riders on waiting
17 Riders on waiting
18 Riders on waiting
19 Riders on waiting
20 Riders on waiting
21 Riders on waiting
22 Riders on waiting
23 Riders on waiting
24 Riders on waiting
25 Riders on waiting
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***** NOTICE - BUS ARRIVED !!! ***

```
25 Riders are waiting for Bus
25 Riders can board to Bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
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Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
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Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
25 Riders are boarded to the Bus and 0 Riders are left waiting for next bus

***** NOTICE - BUS DEPARTED !!! ***

1 Riders on waiting
2 Riders on waiting
3 Riders on waiting
4 Riders on waiting
5 Riders on waiting
6 Riders on waiting

***** NOTICE - BUS ARRIVED !!! ***

6 Riders are waiting for Bus
6 Riders can board to Bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
6 Riders are boarded to the Bus and 0 Riders are left waiting for next bus

***** NOTICE - BUS DEPARTED !!! ***

1 Riders on waiting
2 Riders on waiting
3 Riders on waiting
4 Riders on waiting
5 Riders on waiting
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7 Riders on waiting
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33 Riders on waiting
34 Riders on waiting
35 Riders on waiting

***** NOTICE - BUS ARRIVED !!! ***

35 Riders are waiting for Bus
35 Riders can board to Bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
Rider boarded to bus
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Rider boarded to bus
Rider boarded to bus
35 Riders are boarded to the Bus and 0 Riders are left waiting for next bus

***** NOTICE - BUS DEPARTED !!! ***

1 Riders on waiting
2 Riders on waiting
3 Riders on waiting
4 Riders on waiting
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7 Riders on waiting
8 Riders on waiting
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