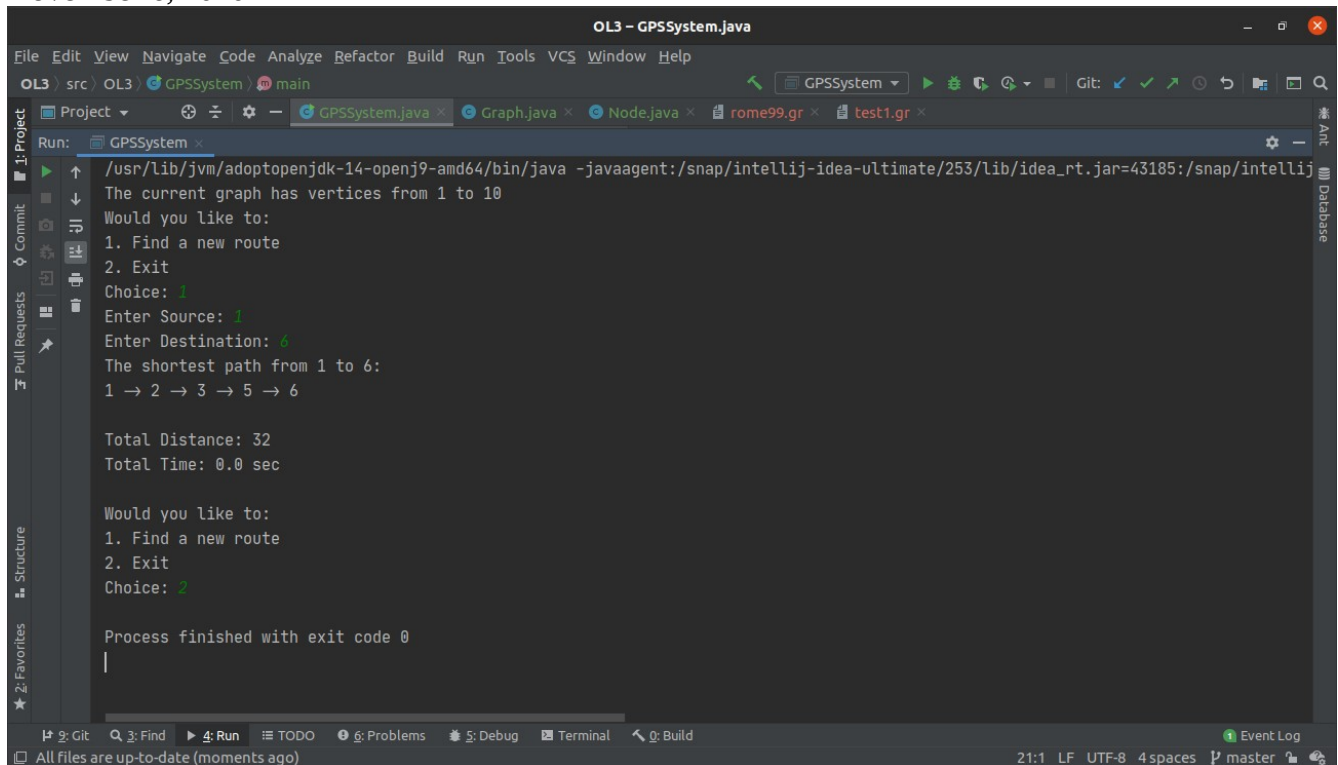


Susan McCartney
CSCI 232 – Olab 3
November 6, 2020



```
OL3 - GPSSystem.java
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
OL3 > src > OL3 > GPSSystem > main
Project GPSSystem.java Graph.java Node.java rome99.gr test1.gr
Run: GPSSystem
/usr/lib/jvm/adoptopenjdk-14-openj9-amd64/bin/java -javaagent:/snap/intellij-idea-ultimate/253/lib/idea_rt.jar=43185:/snap/intellij
The current graph has vertices from 1 to 10
Would you like to:
1. Find a new route
2. Exit
Choice: 1
Enter Source: 1
Enter Destination: 6
The shortest path from 1 to 6:
1 -> 2 -> 3 -> 5 -> 6

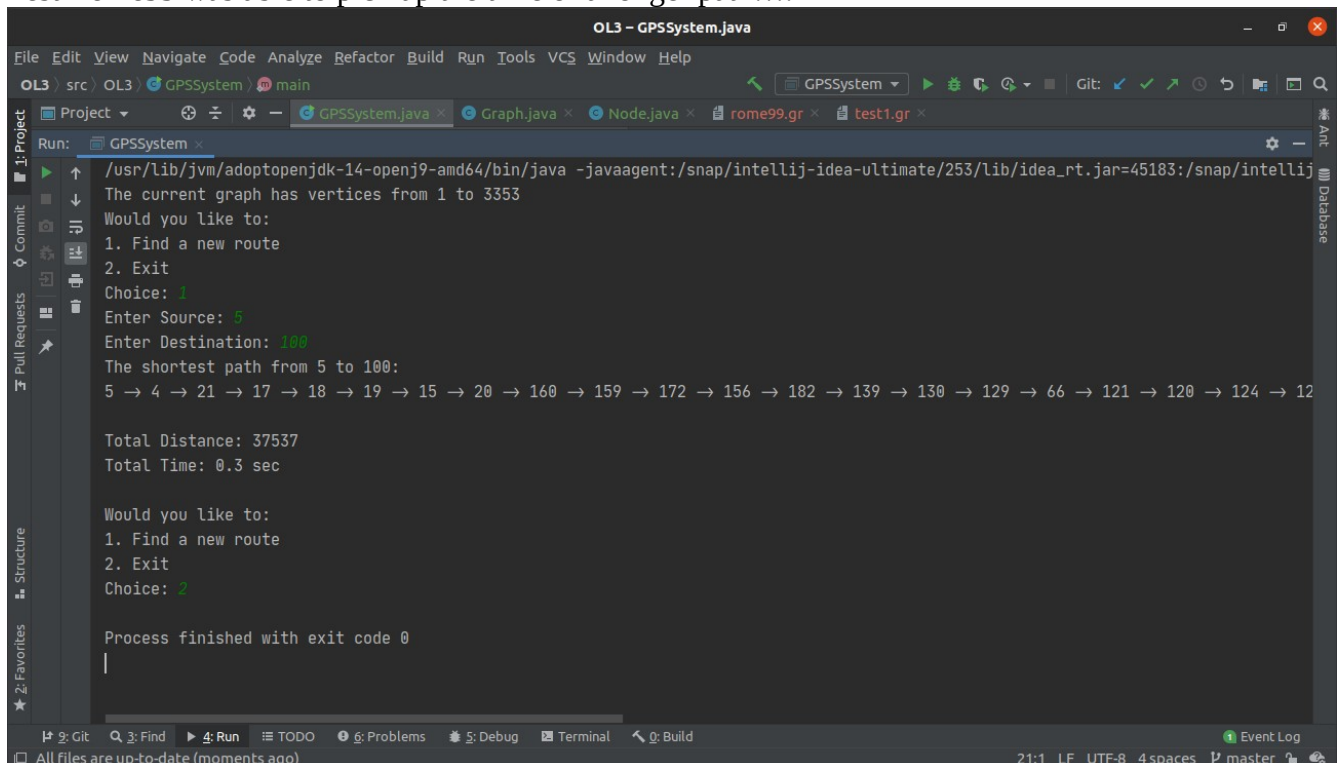
Total Distance: 32
Total Time: 0.0 sec

Would you like to:
1. Find a new route
2. Exit
Choice: 2

Process finished with exit code 0
|
```

Test 1 Trial was so fast that seconds couldn't be picked up, but...

Test Rome99 was able to pick up the time of a longer path....



```
OL3 - GPSSystem.java
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
OL3 > src > OL3 > GPSSystem > main
Project GPSSystem.java Graph.java Node.java rome99.gr test1.gr
Run: GPSSystem
/usr/lib/jvm/adoptopenjdk-14-openj9-amd64/bin/java -javaagent:/snap/intellij-idea-ultimate/253/lib/idea_rt.jar=45183:/snap/intellij
The current graph has vertices from 1 to 3353
Would you like to:
1. Find a new route
2. Exit
Choice: 1
Enter Source: 5
Enter Destination: 100
The shortest path from 5 to 100:
5 -> 4 -> 21 -> 17 -> 18 -> 19 -> 15 -> 20 -> 160 -> 159 -> 172 -> 156 -> 182 -> 139 -> 130 -> 129 -> 66 -> 121 -> 120 -> 124 -> 12

Total Distance: 37537
Total Time: 0.3 sec

Would you like to:
1. Find a new route
2. Exit
Choice: 2

Process finished with exit code 0
|
```