

Software Engineering

Assignment 1- Part 2

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JUnit test cases:

We tested out code with three test cases.

1. First Test case:

```
int[][] Matrix = { { 10, 20, 30, 40 }, { 50, 60, 70, 80 }, { 40, 30, 20, 10}, { 80, 70, 60, 50 } };
```

Output: Cost-140

2. Second Test case:

```
int[][] Matrix = { { 2500, 4000, 3500 }, { 4000, 6000, 3500 }, { 2000, 4000, 2500 } };
```

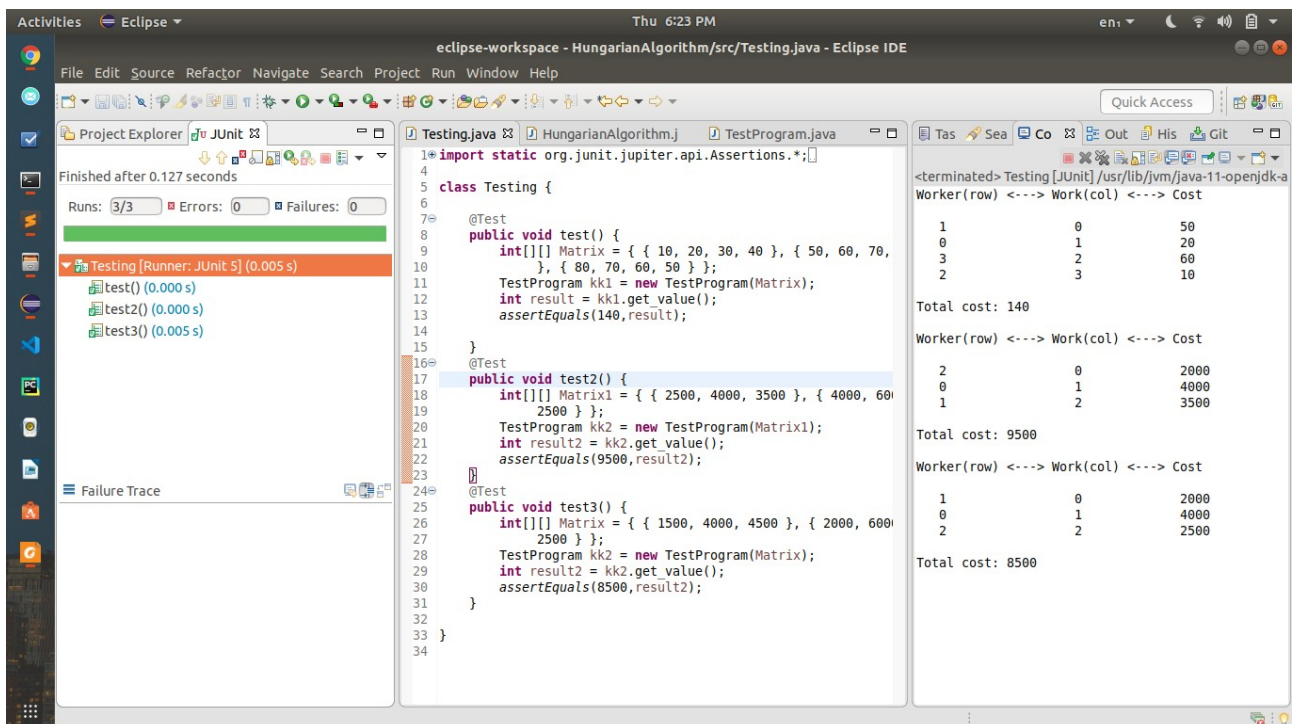
Output: Cost-9500

3. Third Test case:

```
int[][] Matrix = {{ 1500, 4000, 4500 }, { 2000, 6000, 3500 }, { 2000, 4000, 2500 } };
```

Output: Cost-8500

Screenshot of Outputs:



Input from file:

Our program can also take input cost matrix from file.

2500	4000	3500
4000	6000	3500
2000	4000	2500

Output :

