Graph:

```
5 10
0 2 6
0 3 10
1 2 5
2 3 10
3 1 6
3 2 3
3 4 3
4 1 4
4 2 2
4 3 3
```

Result

Input:

S = 1, T = 4

Output:

The minimum cost is 18
The path is: [1, 2, 3, 4]