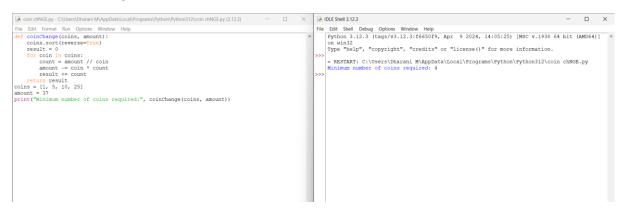
1. Coin Change Problem



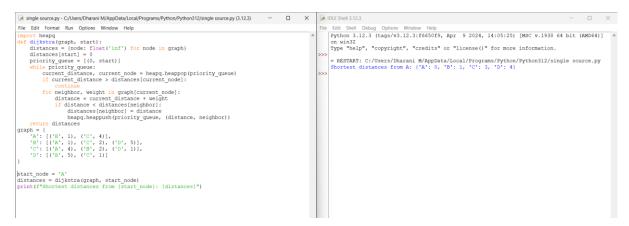
2. Knapsack Problem



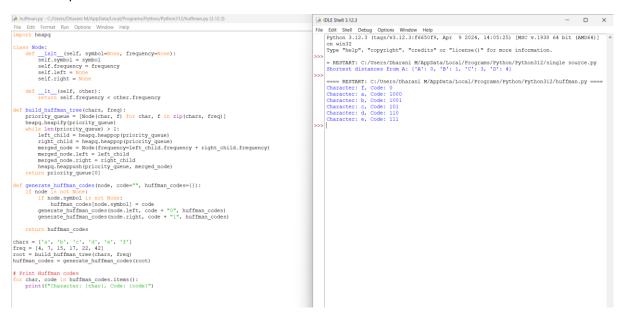
3. Job Sequencing with Deadlines



4. Single Source Shortest Paths: Dijkstra's Algorithm



5. Optimal Tree Problem: Huffman Trees and Codes



6. Container Loading

```
The Eaft Format Run Options Window Help

def loadContainer(items, capacity):

sorted_items = Sorted_items = Options window Help

remaining_capacity = capacity

for item in sorted_items:

if item <= remaining_capacity == item

break

return loaded_items

items = [50, 60, 20, 30]
capacity = Ioaded_items, capacity)
print("Items loaded_intens, capacity)
print("Items loaded_in
```

Minimum Spanning Tree

7. Kruskal's Algorithms

8. Prims Algorithm

9. Boruvka's Algorithm