

State:

Arad – Sibiu – Rimnicu Vilcea – Pitesti - Bucharest

Priority Queue

Loop 1: Arad(0)

Loop 2: Zerind (75) – Timisoara (118) – Sibiu (140)

Loop 3: Timisoara (118) – Sibiu (140) – Oradea (146)

Loop 4: Sibiu (140) – Oradea (146) – Lugoj (229)

Loop 5: Oradea (146) – Rimnicu Vilcea (220) - Lugoj (229) - Fagaras (239)

Bỏ qua Sibiu vì đã có trong explore

Loop 6: Lugoj (229) - Fagaras (239) – Craiova (366) – Pitesti (317)

Loop 7: Fagaras (239) - Mehadia (299) – Craiova (366) – Pitesti (317)

Loop 8: **Bucharest (450)** - Mehadia (299) – Craiova (366) – Pitesti (317)

Loop 9: Craiova (366) – Pitesti (317) – Dobreta (374)

Loop 10: Craiova (366) – Dobreta (374) – Bucharest (418)

Explored:

Arad – Zerind – Sibiu – Timisoara – Oradea – Lugoj – Mehadia – Dobreta – Fagaras - Pitesti