Practical No 1 output:

```
Type "help", "copyright", "credits" or "license()" for more information.

RESTART: C:/practical_clg/syllabus vali chize/practicals/AI/final.py

['Arad', 'Sibiu', 'Fagaras', 'Bucharest']
```

Practical No 2 output:

```
File Edit Shell Debug Options Window Help

Python 3.12.1 (tags/v3.12.1:2305ca5, Dec 7 2023, 22:03:25) [MSC v.1937 64 bit (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information.

>>> 
= RESTART: C:/practical_clg/syllabus vali chize/practicals/AI/final.py
Path: ['Arad', 'Sibiu', 'Rimnicu Vilcea', 'Pitesti', 'Bucharest']
Cost: 418
>>> |
```

Practical No 3 output:

```
File Edit Shell Debug Options Window Help

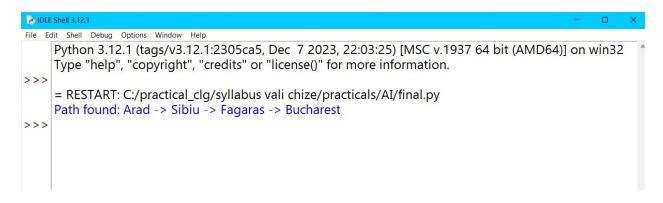
Python 3.12.1 (tags/v3.12.1:2305ca5, Dec 7 2023, 22:03:25) [MSC v.1937 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>

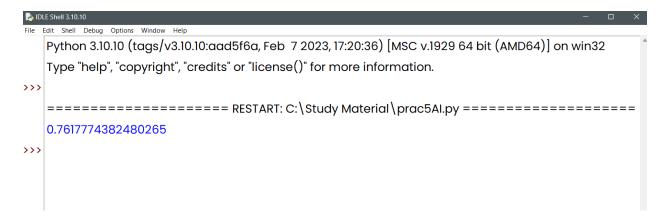
RESTART: C:/practical_clg/syllabus vali chize/practicals/AI/final.py
Optimal Path: ['Arad', 'Sibiu', 'Rimnicu Vilcea', 'Pitesti', 'Bucharest']

>>>
```

Practical No 4 output:



Practical No 5 output:



Practical No 6 output:

Practical No 7 output:

```
File Edit Shell Debug Options Window Help

Python 3.12.1 (tags/v3.12.1:2305ca5, Dec 7 2023, 22:03:25) [MSC v.1937 64 bit (AMD64)] on win32

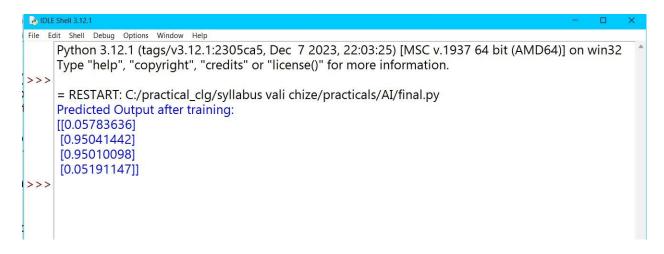
Type "help", "copyright", "credits" or "license()" for more information.

>>>

= RESTART: C:/practical_clg/syllabus vali chize/practicals/AI/final.py

Accuracy: 1.0
```

Practical No 8 output:



Practical No 9 output:

