

OUTPUT:

```
PS C:\Users\dell\Abinash Regmi>
Semester-IV\AI\lab2.py"
```

```
Adjacency List:
```

```
A --> ['B', 'C']
```

```
B --> ['D', 'E']
```

```
C --> ['F']
```

```
D --> []
```

```
E --> []
```

```
F --> []
```

```
Enter the start node: A
```

```
Enter the destination node: F
```

```
Path from A to F :
```

```
A -> C -> F -> End
```

**OUTPUT:**

```
PS C:\Users\dell\Abinash Regmi> python -u "c:  
Semester-IV\AI\lab3.py"
```

```
Enter start node: A
```

```
Enter destination node: F
```

```
Path from A to F: A -> B -> C -> D -> E -> F
```