```
Enter number of vertices:
4
Enter the adjacency matrix:
0
1
1
1
0
0
0
1
0
0
0
0
0
0
1
0
```

```
matrix is:
0111
0001
0000
0010
1.Print all the nodes reachable from a given starting node in a digraph using
BFS method.
2.Check whether a given graph is connected or not using DFS method.
enter the choice
1

 Enter the starting vertex:1
The node which are reachable are:
2       3       4
enter 0 to continue
0
1.Print all the nodes reachable from a given starting node in a digraph using
BFS method.
2.Check whether a given graph is connected or not using DFS method.
```

```
1.Print all the nodes reachable from a given starting node in a digraph using
BFS method.
2.Check whether a given graph is connected or not using DFS method.
enter the choice
2
1->2
2->4
4->3

Graph is connected

enter 0 to continue
1
```