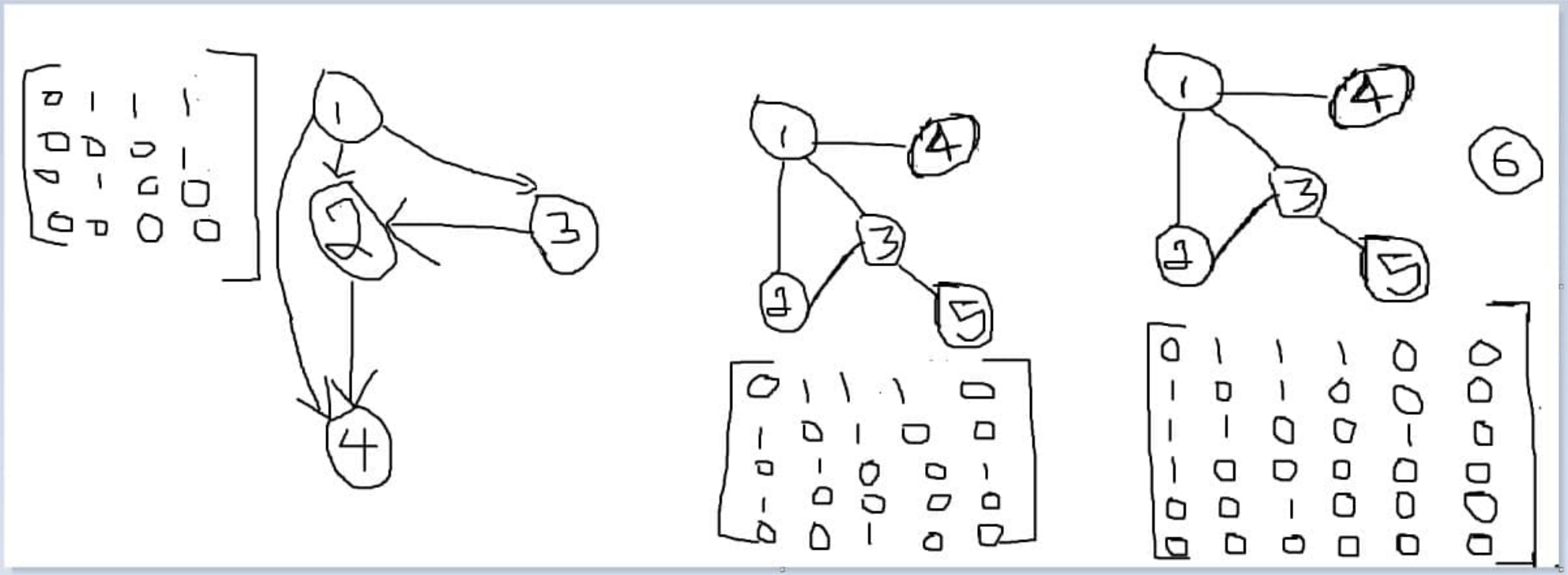
1
2
3
4
1
4
3
1
5
1
4
6
3
1
5

input

```
1.dfs
2.bfs
1

 Enter number of vertices:5

 Enter the adjacency matrix:
0 1 1 1 0
1 0 1 0 0
0 1 0 0 1
1 0 0 0 0
0 0 1 0 0

 1->2
 2->3
 3->5
 1->4

 Graph is connected

...Program finished with exit code 1
Press ENTER to exit console.
```

input

```
1.dfs
2.bfs
1

 Enter number of vertices:6

 Enter the adjacency matrix:
0 1 1 1 0 0
1 0 1 0 0 0
1 1 0 0 1 0
1 0 0 0 0 0
0 0 1 0 0 0
0 0 0 0 0 0

 1->2
 2->3
 3->5
 1->4

 Graph is not connected

...Program finished with exit code 1
Press ENTER to exit console.
```

input

```
1.dfs
2.bfs
2
enter the no of vertices
4
enter the adjacency

0 1 1 1
0 0 0 1
0 1 0 0
0 0 0 0
enter the source vertex
2
nodes reachable from source vertex are
2  4

...Program finished with exit code 3
Press ENTER to exit console.
```