

```
C:\Users\Prashanth\Documents\ADA LAB>gcc -o ob topo.c
```

```
C:\Users\Prashanth\Documents\ADA LAB>ob
```

```
enter no of vertices
```

```
5
```

```
enter no of edges
```

```
5
```

```
enter an edge between 2 vertices
```

```
1 3
```

```
enter an edge between 2 vertices
```

```
2 3
```

```
enter an edge between 2 vertices
```

```
3 4
```

```
enter an edge between 2 vertices
```

```
3 5
```

```
enter an edge between 2 vertices
```

```
4 5
```

```
topological order by dfs method :
```

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

Command Prompt

```
C:\Users\Prashanth\Documents\ADA LAB>ob
enter no of vertices
7
enter no of edges
12
enter an edge between 2 vertices
1 2
enter an edge between 2 vertices
1 3
enter an edge between 2 vertices
2 7
enter an edge between 2 vertices
2 5
enter an edge between 2 vertices
3 6
enter an edge between 2 vertices
4 1
enter an edge between 2 vertices
4 2
enter an edge between 2 vertices
4 3
enter an edge between 2 vertices
4 6
enter an edge between 2 vertices
4 7
enter an edge between 2 vertices
7 6
enter an edge between 2 vertices
7 5
topological order by dfs method :
4 --> 1 --> 3 --> 2 --> 7 --> 6 --> 5 -->
C:\Users\Prashanth\Documents\ADA LAB>
```