

```
enter the number of vertices:>>>5
```

```
enter the adjacency matrix
```

```
>>>0
```

```
>>>0
```

```
>>>1
```

```
>>>0
```

```
>>>0
```

```
>>>0
```

```
>>>0
```

```
>>>1
```

```
>>>0
```

```
>>>0
```

```
>>>0
```

```
>>>0
```

```
>>>0
```

```
j] != -1
```

```
>>>1
```

```
>>>1
```

```
>>>0
```

```
>>>0
```

```
>>>0
```

```
>>>0
```

```
>>>1
```

```
>>>0
```

```
>>>0
```

```
>>>0
```

```
>>>0
```

```
>>>0
```

```
topological ordering is :
```

```
v1
```

```
v2
```

```
v3
```

```
v4
```

```
v5
```