

# MATHS ASSIGNMENT SET2

## QUESTION5

### AIM:

- PRINT AN IDENTITY ,MATRIX OFORDER 4

### PROGRAM :

```
import numpy as np
id_4=np.identity(4)
print(f"identity is")
print(f"{id_4}")
```

### OUTPUT:

Identity matrix is:

```
[[1. 0. 0. 0.]
 [0. 1. 0. 0.]
 [0. 0. 1. 0.]
 [0. 0. 0. 1.]]
```

### RESULT:

THE PROGRAM HAS RUN AND OUTPUT OBTAINED SUCCESFULLY