Program 1

1. **Create a 2 Dimensional array with 4 rows and 4 columns.**

    a. **Display all elements excluding the first row**

    b. **Display all elements excluding the last column**

    c. **Display the elements of 1st st and 2nd column in 2nd and 3rd row**

    d. **Display the elements of 2nd and 3rd column**

    e. **Display 2nd and 3rd element of 1st row**

```
import numpy as np
Matrix_2D=np.array([[1,2,3,4],[5,6,7,8],[9,10,11,12],[13,14,15,16]])
print(Matrix_2D)
print("Display all elements excluding the first row")
print(Matrix_2D[1:4,:])
print("Display all elements excluding the last column")
print(Matrix_2D[:,0:3])
print("Display the elements of 1st and 2nd column in 2nd and 3rd row")
print(Matrix_2D[1:3,0:2])
print("Display the elements of 2nd and 3rd column")
print(Matrix_2D[:,1:3])
print("Display 2nd and 3rd element of 1st row")
print(Matrix_2D[0,1:3])
```