

# NumPy Lab

**1- Create a NumPy program to create a 3x3 identity matrix**

**2- Create a NumPy program to generate 5 random number between 0 and 1**

**3- Write a NumPy program to append values to the end of an array.**

***Expected Output:***

***Original array:***

***[10, 20, 30]***

***After append values to the end of the array:***

***[10 20 30 40 50 60 70 80 90]***

**4- Write a NumPy program to create a 3X4 array and iterate over it using `nditer`.**

**5- Write a NumPy program to create a 1-D array then convert it into 2-D array then print value and position for each value using `ndenumerate`.**