4.2 Create an array of 10 fives?

```
In [6]: var=np.zeros(10)
var

Out[6]: array([0., 0., 0., 0., 0., 0., 0., 0., 0.])

In [7]: array=np.ones(10)*5
array

Out[7]: array([s., 5., 5., 5., 5., 5., 5., 5., 5.])
```

5. Create an array of all the even integers from 20 to 35

```
In [8]: array=np.arange(20,36,2) array
Out[8]: array[20, 22, 24, 26, 28, 30, 32, 34])
```

6. Create a 3x3 matrix with values ranging from 0 to 8

7. Concatenate a and b

a = np.array([1, 2, 3]), b = np.array([4, 5, 6])

```
In [18]: a=np.array([1,2,3])
b=np.array([4,5,6])
con=np.concatenate((a,b))
con
Out[18]: array([1, 2, 3, 4, 5, 6])
```

## **Pandas**

8. Create a dataframe with 3 rows and 2 columns

9. Generate the series of dates from 1st Jan, 2023 to 10th Feb, 2023  $\,$ 

10. Create 2D list to DataFrame

**2** 3 ccc 24

```
In []:
```