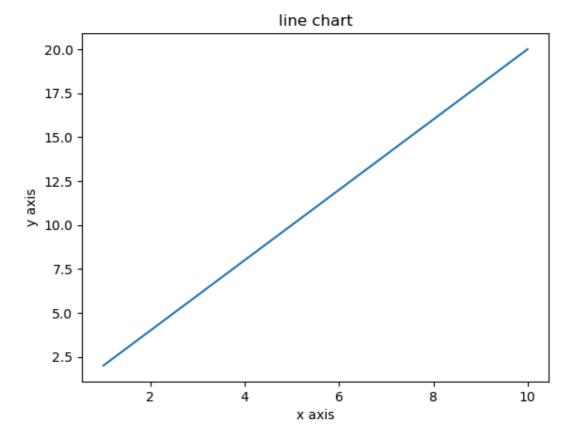
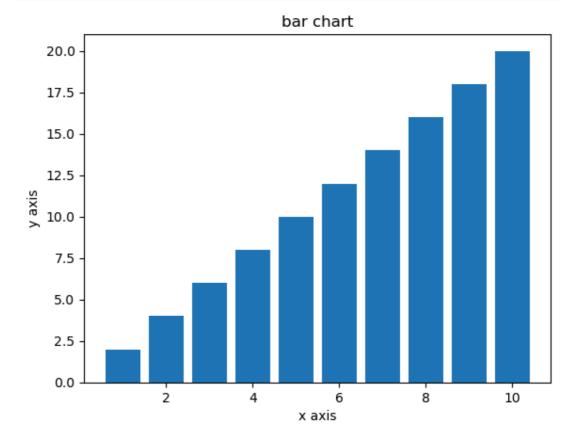
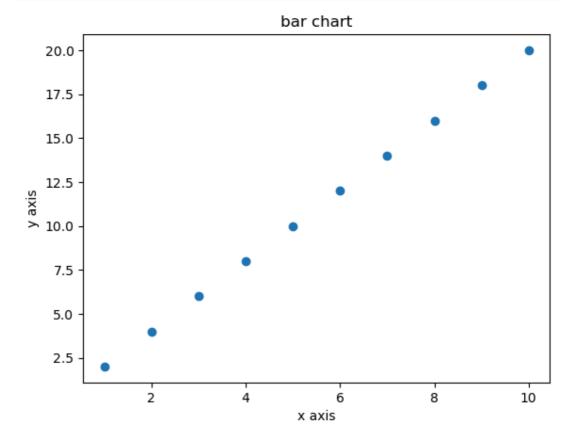
data visualization

```
In [ ]:
         M
             1
                #Name : Achal Gajanan Ghorad
                #Roll no. 39
             2
             3
                #Section :3A
                #Date:27/07/2024
In [ ]:
               # Aim: to perform data visualization
In [1]:
         H
             1
                import numpy as np
                from matplotlib import pyplot as plt
In [3]:
               x=np.arange(1,11)
In [4]:
         M
             1 x
   Out[4]: array([ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10])
In [8]:
               y=2*x
In [9]:
         H
             1
               У
   Out[9]: array([ 2, 4, 6, 8, 10, 12, 14, 16, 18, 20])
```





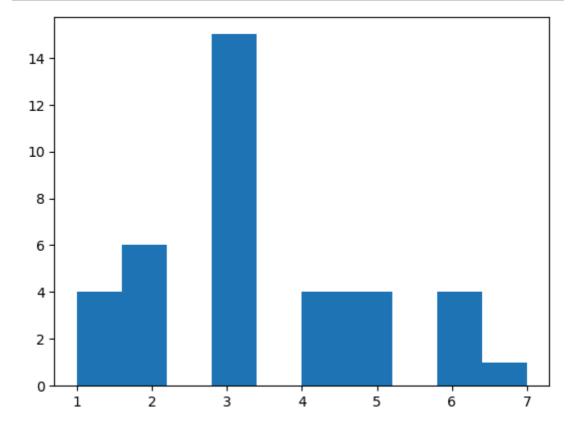
scatter plot



Histogram

```
In [13]: \mathbb{N} 1 H=[1,2,3,3,4,6,7,4,3,2,1,2,3,4,5,5,6,6,5,4,3,3,3,3,3,3,3,5,6,3,2,1,
```





In []: N 1