

## assignment1

In [ ]:

```
In [4]: import numpy as np
import pandas as pd
dict1={'players':['A','B','C','D','E','F','G','H','J','k'],
       'no_of_runs':[1500,3000,4500,4000,2000,27,33,105,56,72],
       'no_of_wickets':[8,9,7,6,5,207,307,309,1500,800],
       'player type':['bat','bat','bat','bat','bat','bat','bow','bow','bow','bow']}
```

```
In [5]: df=pd.DataFrame(dict1)
```

```
In [6]: df
```

Out[6]:

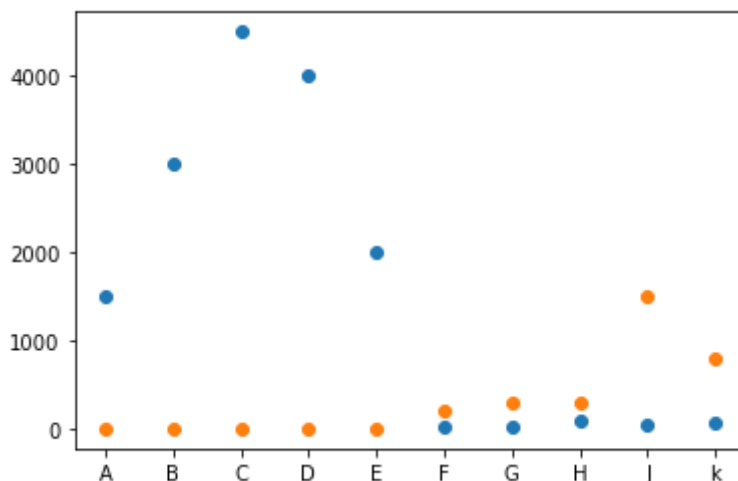
	players	no_of_runs	no_of_wickets	player type
0	A	1500	8	bat
1	B	3000	9	bat
2	C	4500	7	bat
3	D	4000	6	bat
4	E	2000	5	bat
5	F	27	207	bow
6	G	33	307	bow
7	H	105	309	bow
8	J	56	1500	bow
9	k	72	800	bow

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4	E	2000	5	bat
5	F	27	207	bow
6	G	33	307	bow
7	H	105	309	bow
8	J	56	1500	bow
9	k	72	800	bow

```
In [7]: import matplotlib.pyplot as plt
```

```
In [8]: plt.scatter(df['players'],df['no_of_runs'])
plt.scatter(df['players'],df['no_of_wickets'])
```

Out[8]: <matplotlib.collections.PathCollection at 0x2588e80c9d0>

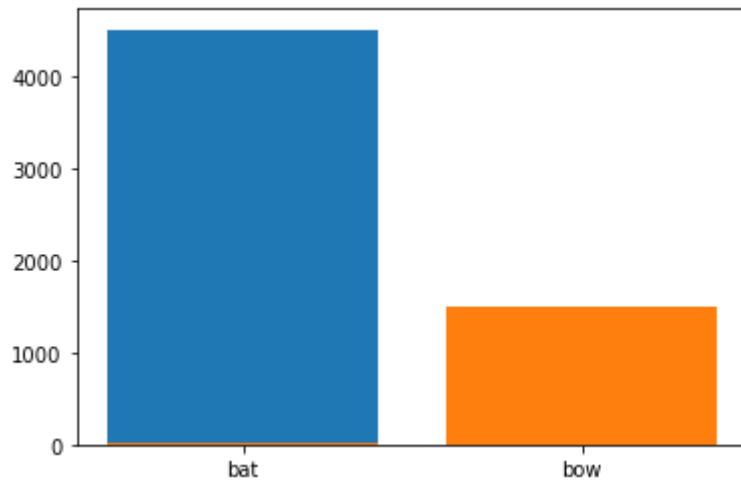


In [ ]:

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```
In [14]: plt.bar(df['player type'],df['no_of_runs'])  
plt.bar(df['player type'],df['no_of_wickets'])
```

Out[14]: <BarContainer object of 10 artists>



In [ ]:

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