```
In [1]:  import pandas as pd
         from matplotlib import pyplot as plt
         import seaborn as sns
```

```
In [2]:  pd.read_csv("downloads/data.csv")
```

Out[2]:

	title	author	date	views	likes	link
0	Climate action needs new frontline leadership	Ozawa Bineshi Albert	Dec-21	404000	12000	https://ted.com/talks/ozawa_bineshi_albert_cli...
1	The dark history of the overthrow of Hawaii	Sydney Iaukea	Feb-22	214000	6400	https://ted.com/talks/sydney_iaukea_the_dark_h...
2	How play can spark new ideas for your business	Martin Reeves	Sep-21	412000	12000	https://ted.com/talks/martin_reeves_how_play_c...
3	Why is China appointing judges to combat clima...	James K. Thornton	Oct-21	427000	12000	https://ted.com/talks/james_k_thornton_why_is_...
4	Cement's carbon problem — and 2 ways to fix it	Mahendra Singhi	Oct-21	2400	72	https://ted.com/talks/mahendra_singhi_cement_s...
...	...	...	...	...	...	...
5435	The best stats you've ever seen	Hans Rosling	Feb-06	15000000	458000	https://ted.com/talks/hans_rosling_the_best_st...
5436	Do schools kill creativity?	Sir Ken Robinson	Feb-06	72000000	2100000	https://ted.com/talks/sir_ken_robinson_do_scho...
5437	Greening the ghetto	Majora Carter	Feb-06	2900000	88000	https://ted.com/talks/majora_carter_greening_t...
5438	Simplicity sells	David Pogue	Feb-06	2000000	60000	https://ted.com/talks/david_pogue_simplicity_s...
5439	Averting the climate crisis	Al Gore	Feb-06	3600000	109000	https://ted.com/talks/al_gore_averting_the_cli...

5440 rows × 6 columns

```
In [3]:  data = pd.read_csv("downloads/data.csv")
```

```
In [5]:  for col in data.columns:
             print(col)

         title
         author
         date
         views
         likes
         link
```
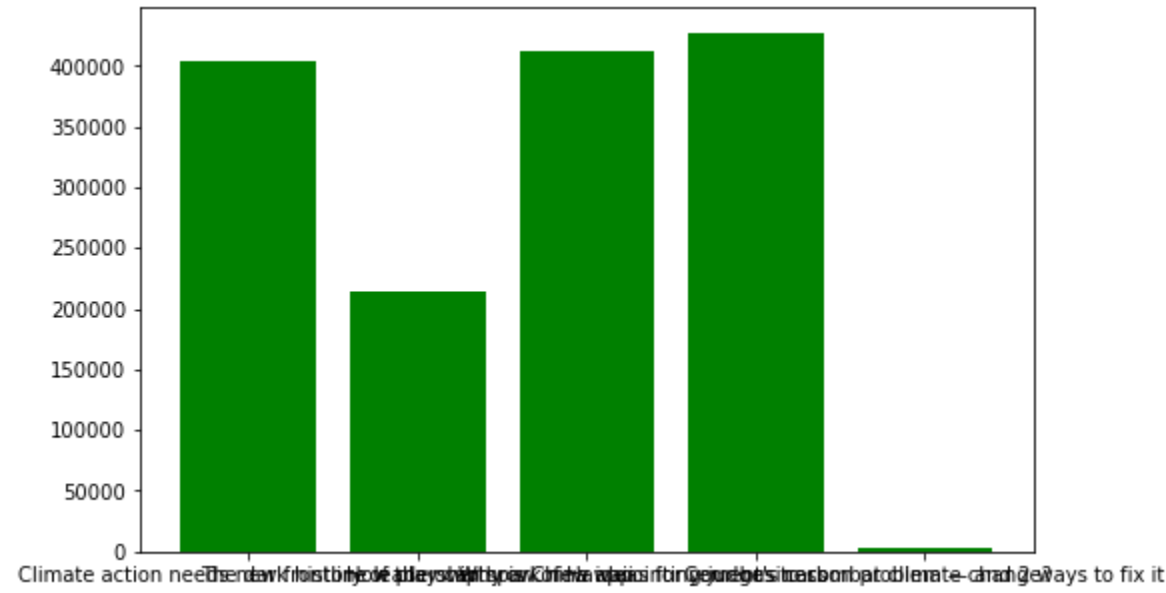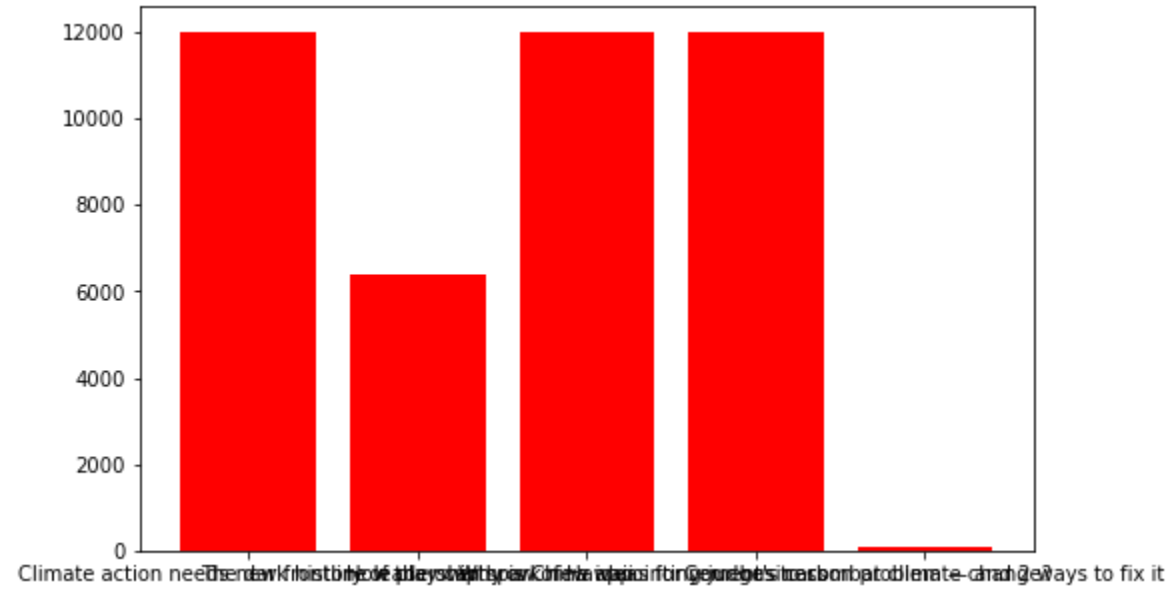
```
In [6]:  data.head()
```

Out[6]:

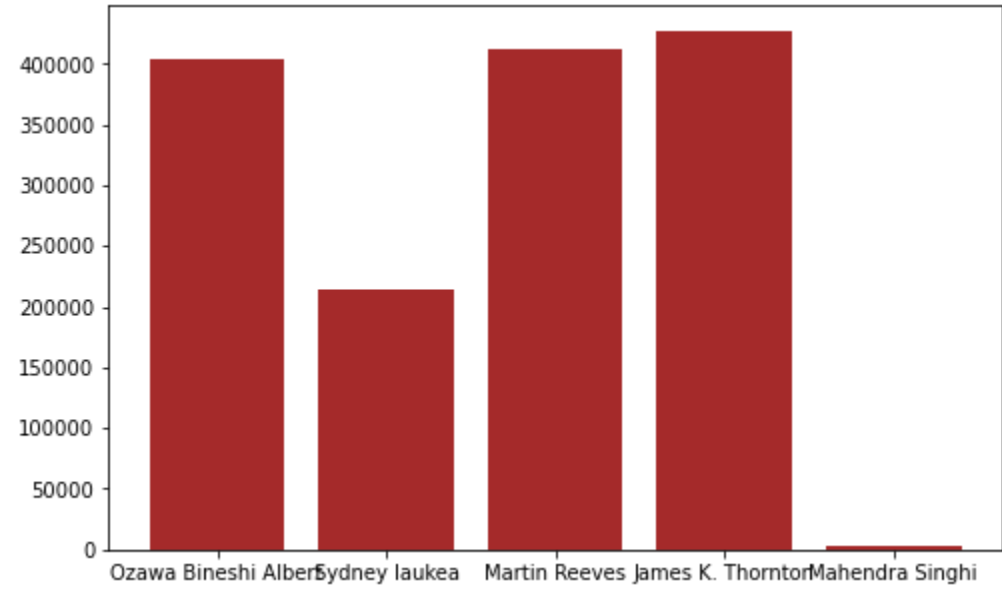|	title	author	date	views	likes	link
0	Climate action needs new frontline leadership	Ozawa Bineshi Albert	Dec-21	404000	12000	https://ted.com/talks/ozawa_bineshi_albert_cli...
1	The dark history of the overthrow of Hawaii	Sydney Iaukea	Feb-22	214000	6400	https://ted.com/talks/sydney_iaukea_the_dark_h...
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4	Cement's carbon problem — and 2 ways to fix it	Mahendra Singhi	Oct-21	2400	72	https://ted.com/talks/mahendra_singhi_cement_s...

```
In [12]:  plt.figure(figsize=(8,5))
          plt.bar(list(data['title'])[0:5],list(data['views'])[0:5],color="g")
          plt.show()
```
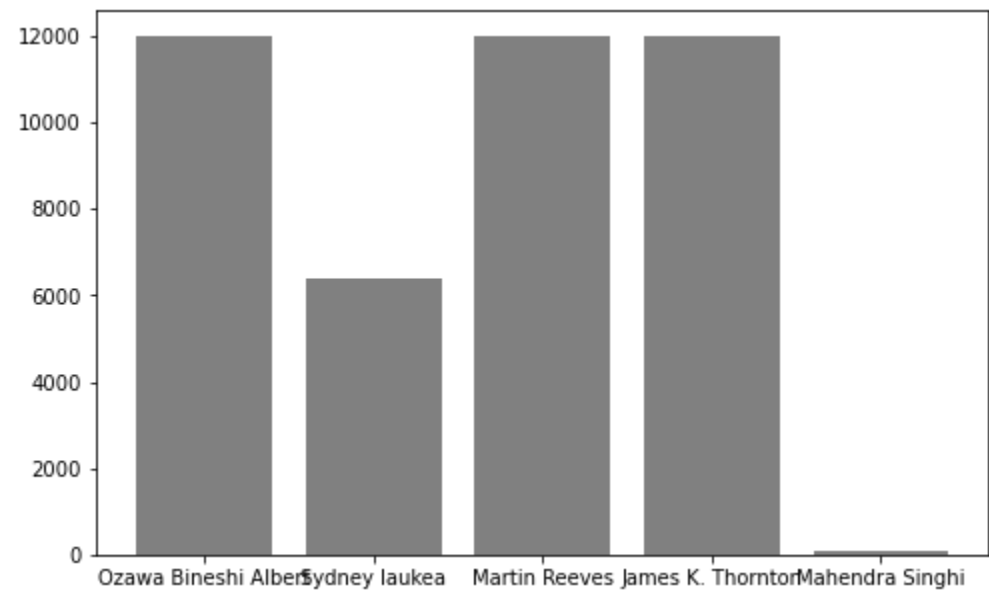


```
In [13]:  plt.figure(figsize=(8,5))
          plt.bar(list(data['title'])[0:5],list(data['likes'])[0:5],color="r")
          plt.show()
```



```
In [15]:  plt.figure(figsize=(8,5))
          plt.bar(list(data['author'])[0:5],list(data['views'])[0:5],color="brown")
          plt.show()
```



```
In [21]:  plt.figure(figsize=(8,5))
          plt.bar(list(data['author'])[0:5],list(data['likes'])[0:5],color="grey")
          plt.show()
```



```
In [ ]:
```