```
import pandas as pd
import matplotlib.pyplot as plt


# Downloading Data from website
!wget https://raw.githubusercontent.com/justmarkham/pandas-videos/master/data/drinks.c
```

```
--2022-10-11 21:14:40--  https://raw.githubusercontent.com/justmarkham/pandas-vi
Resolving raw.githubusercontent.com (raw.githubusercontent.com)... 185.199.110.1
Connecting to raw.githubusercontent.com (raw.githubusercontent.com)|185.199.110.
HTTP request sent, awaiting response... 200 OK
Length: 5918 (5.8K) [text/plain]
Saving to: 'drinks.csv'

drinks.csv          100%[===================>]   5.78K  --.-KB/s    in 0s

2022-10-11 21:14:40 (92.3 MB/s) - 'drinks.csv' saved [5918/5918]
```

```
#Preview first 5 rows
df = pd.read_csv('drinks.csv')
df.head()
```

	country	beer_servings	spirit_servings	wine_servings	total_litres_of_pure
0	Afghanistan	0	0	0	
1	Albania	89	132	54	
2	Algeria	25	0	14	
3	Andorra	245	138	312	
4	Angola	217	57	45	

```
# Countries in Europe which have beer consumption higher than 50
df.loc[(df['continent']=='Europe') & (df['beer_servings']>50)]
```

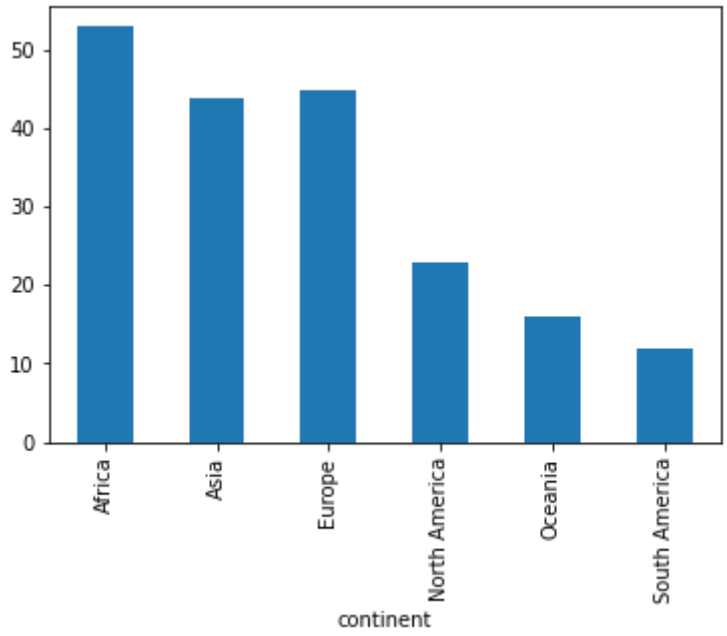
	country	beer_servings	spirit_servings	wine_servings	total_litres
1	Albania	89	132	54	
3	Andorra	245	138	312	
9	Austria	279	75	191	
15	Belarus	142	373	42	
16	Belgium	295	84	212	
21	Bosnia-Herzegovina	76	173	8	
25	Bulgaria	231	252	94	
42	Croatia	230	87	254	
44	Cyprus	192	154	113	
45	Czech Republic	361	170	134	
48	Denmark	224	81	278	
57	Estonia	224	194	59	
60	Finland	263	133	97	
61	France	127	151	370	
64	Georgia	52	100	149	
65	Germany	346	117	175	
67	Greece	133	112	218	
75	Hungary	234	215	185	
76	Iceland	233	61	78	
81	Ireland	313	118	165	
83	Italy	85	42	237	
93	Latvia	281	216	62	
98	Lithuania	343	244	56	
99	Luxembourg	236	133	271	
105	Malta	149	100	120	
120	Netherlands	251	88	190	
126	Norway	169	71	129	
135	Poland	343	215	56	
136	Portugal	194	67	339	
139	Moldova	109	226	18	

140	Romania	297	122	167
151	Serbia	283	131	127
155	Slovakia	196	293	116

```
#Grouping the data by "continent" and creating a default bar chart from it
df2 = df.groupby(['continent']).size()
print(df2)
```

```
continent
Africa           53
Asia             44
Europe           45
North America    23
Oceania          16
South America    12
dtype: int64
```

```
df2.plot.bar()
plt.show()
```

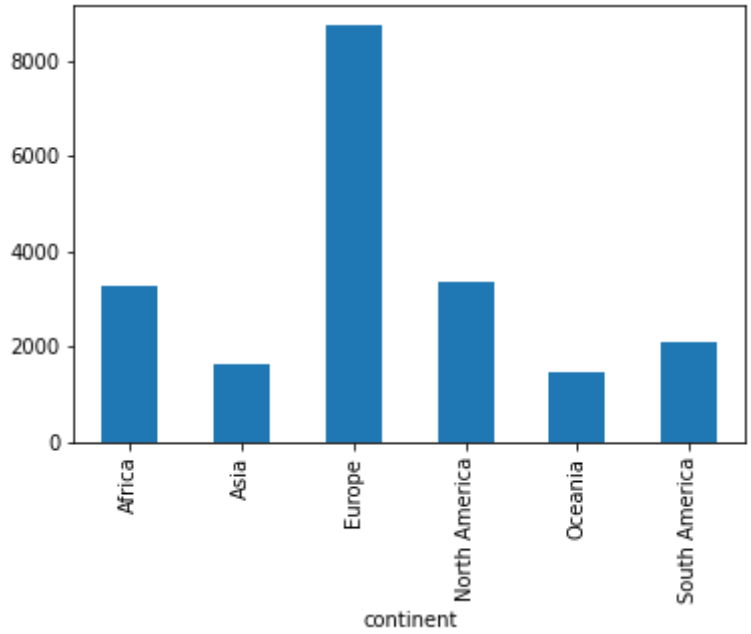



```
df3 = df.groupby(['continent']).beer_servings.sum()
print(df3)
```

```
continent
Africa           3258
Asia             1630
Europe           8720
North America    3345
Oceania          1435
South America    2101
Name: beer_servings, dtype: int64
```

```
df3.plot.bar()
```

```
df3.plot.bar()
plt.show()
```




```
df4 = df.groupby(['continent']).beer_servings.mean()
print(df4)
```

```
continent
Africa            61.471698
Asia              37.045455
Europe           193.777778
North America    145.434783
Oceania           89.687500
South America    175.083333
Name: beer_servings, dtype: float64
```

```
df4.plot.bar()
plt.show()
```


```
df5 = df.boxplot(column='beer_servings', by = 'continent', rot=45, figsize = (10,7), g
plt.show()
```

```
/usr/local/lib/python3.7/dist-packages/matplotlib/cbook/__init__.py:1376: Visibl
  X = np.atleast_1d(X.T if isinstance(X, np.ndarray) else np.asarray(X))
```