

Practical no:5

assignment 5 - Colaboratory

https://colab.research.google.com/drive/1wWsq3Ki6Lyqts1CwY4jPaO09q8UFq-Z-#scrollTo=r1pLKieZfHct

assignment 5

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+ Code + Text

```
[ ] import pandas as pd
import matplotlib.pyplot as plt
d = pd.read_csv('/content/tips.csv')
print(d)
```

	total_bill	tip	sex	smoker	day	time	size
0	16.99	1.01	Female	No	Sun	Dinner	2
1	10.34	1.66	Male	No	Sun	Dinner	3
2	21.01	3.50	Male	No	Sun	Dinner	3
3	23.68	3.31	Male	No	Sun	Dinner	2
4	24.59	3.61	Female	No	Sun	Dinner	4
...
239	29.03	5.92	Male	No	Sat	Dinner	3
240	27.18	2.00	Female	Yes	Sat	Dinner	2
241	22.67	2.00	Male	Yes	Sat	Dinner	2
242	17.82	1.75	Male	No	Sat	Dinner	2
243	18.78	3.00	Female	No	Thur	Dinner	2

[244 rows x 7 columns]

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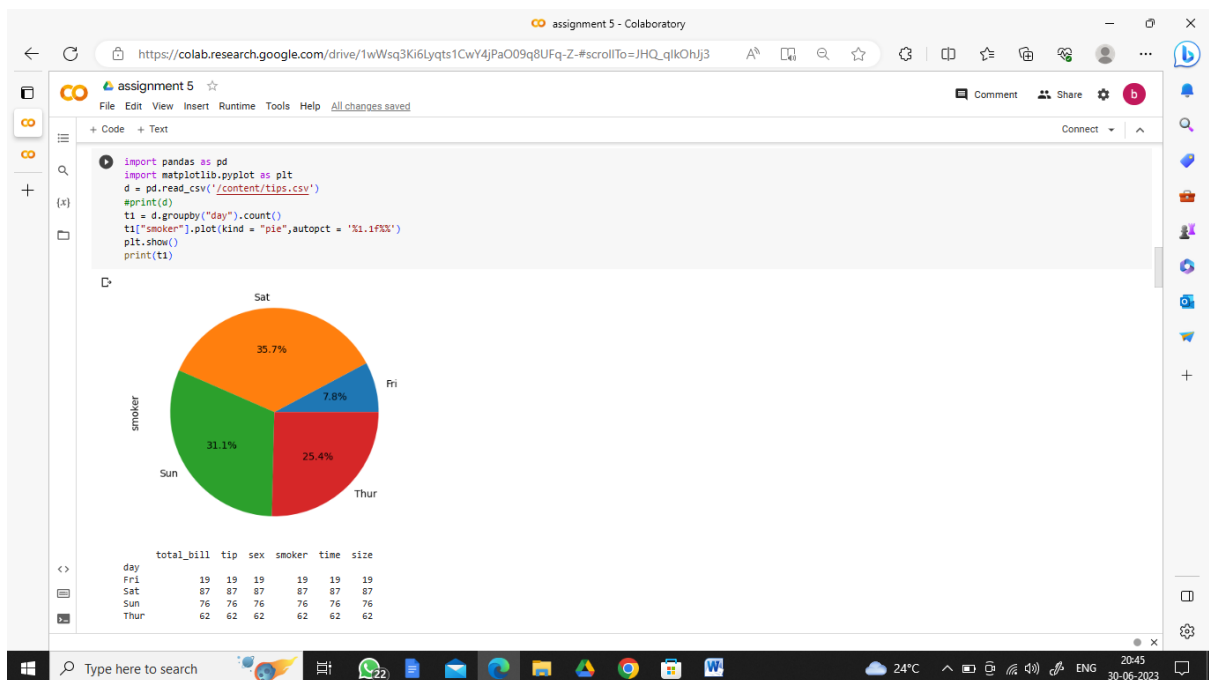
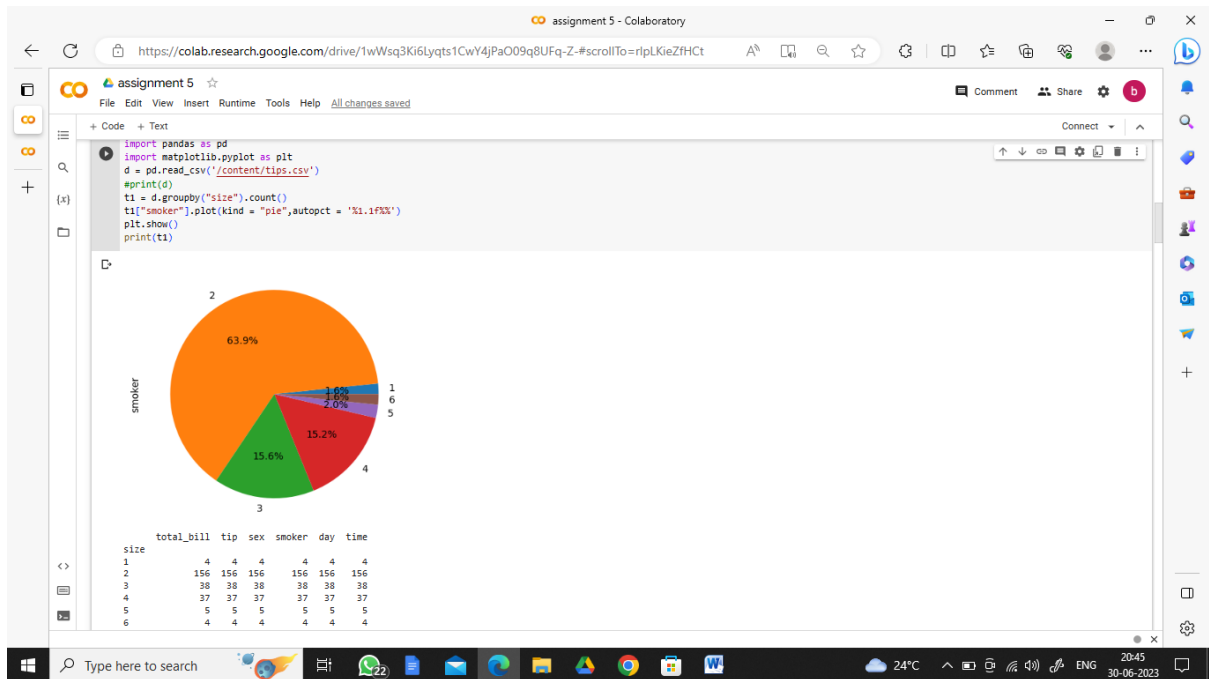
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```
import pandas as pd
import matplotlib.pyplot as plt
d = pd.read_csv('/content/tips.csv')
# print(d)
t1 = d.groupby("sex").count()
t1["smoker"].plot(kind="pie", autopct = '%1.1f%%')
plt.show()
print(t1)
```

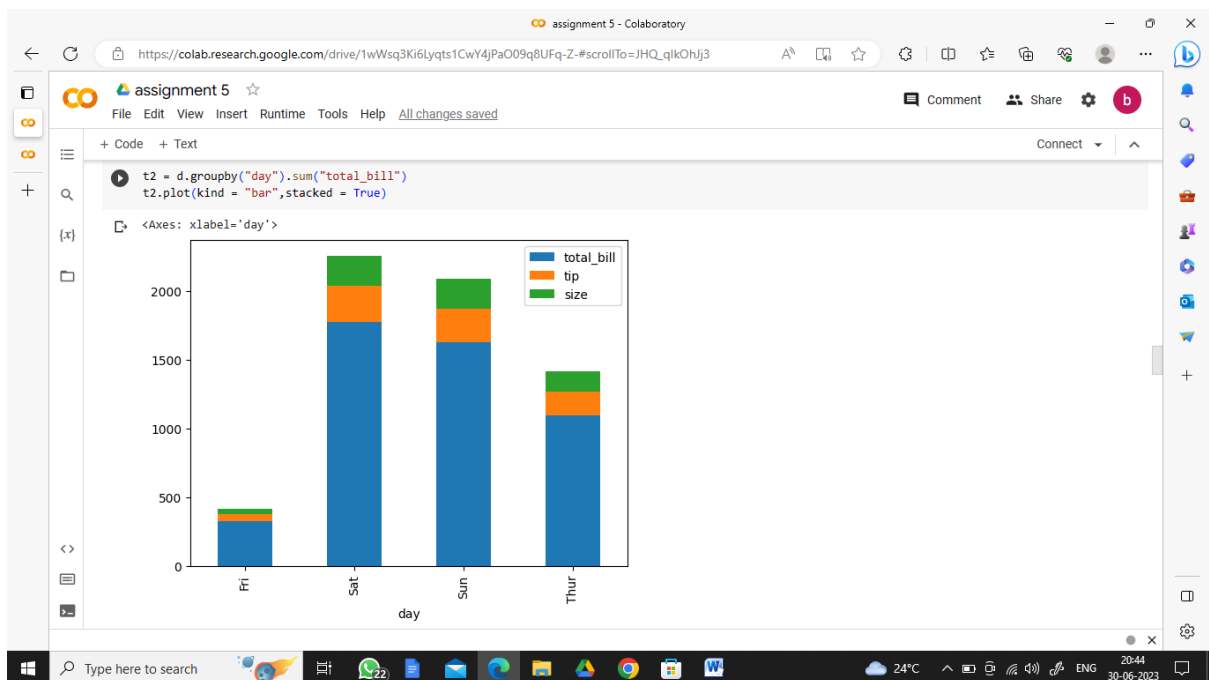
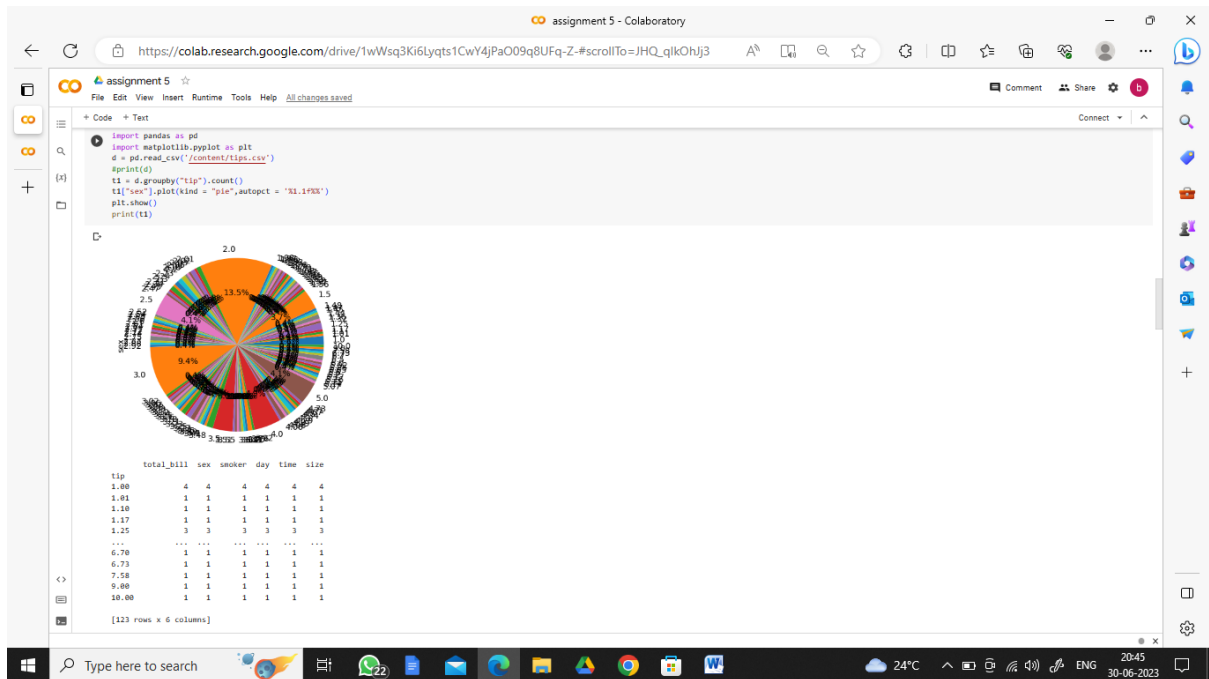
smoker

	total_bill	tip	smoker	day	time	size
sex						
Female	87	87	87	87	87	87
Male	157	157	157	157	157	157

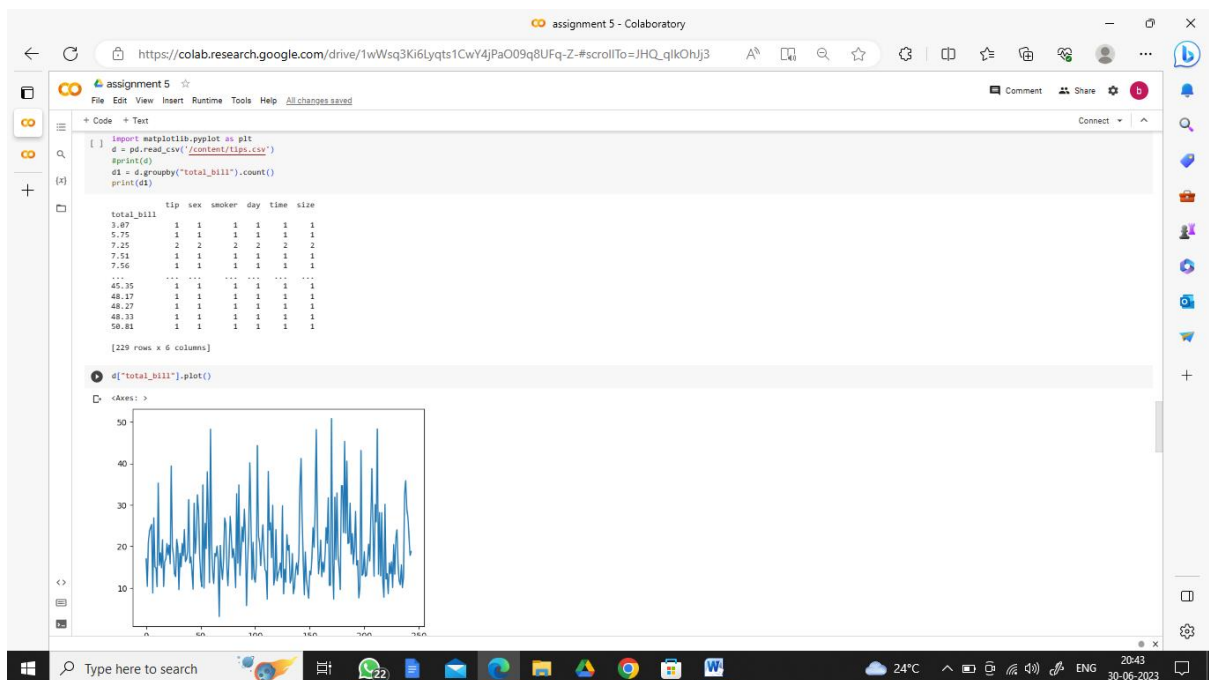
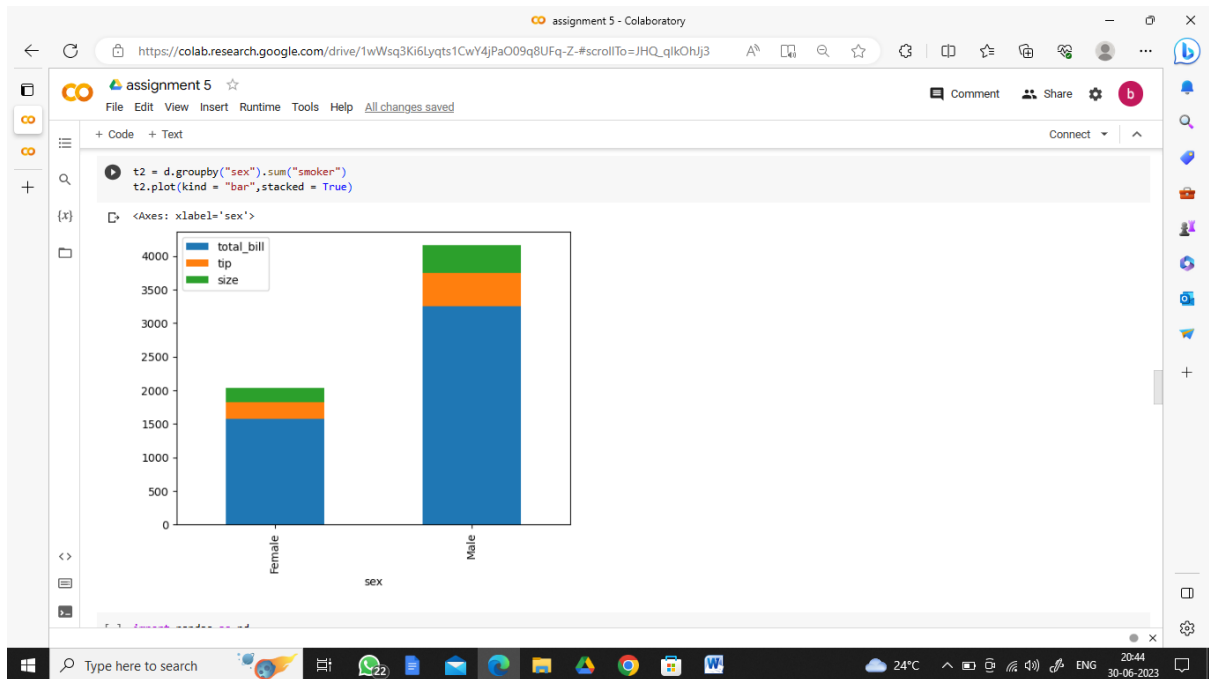
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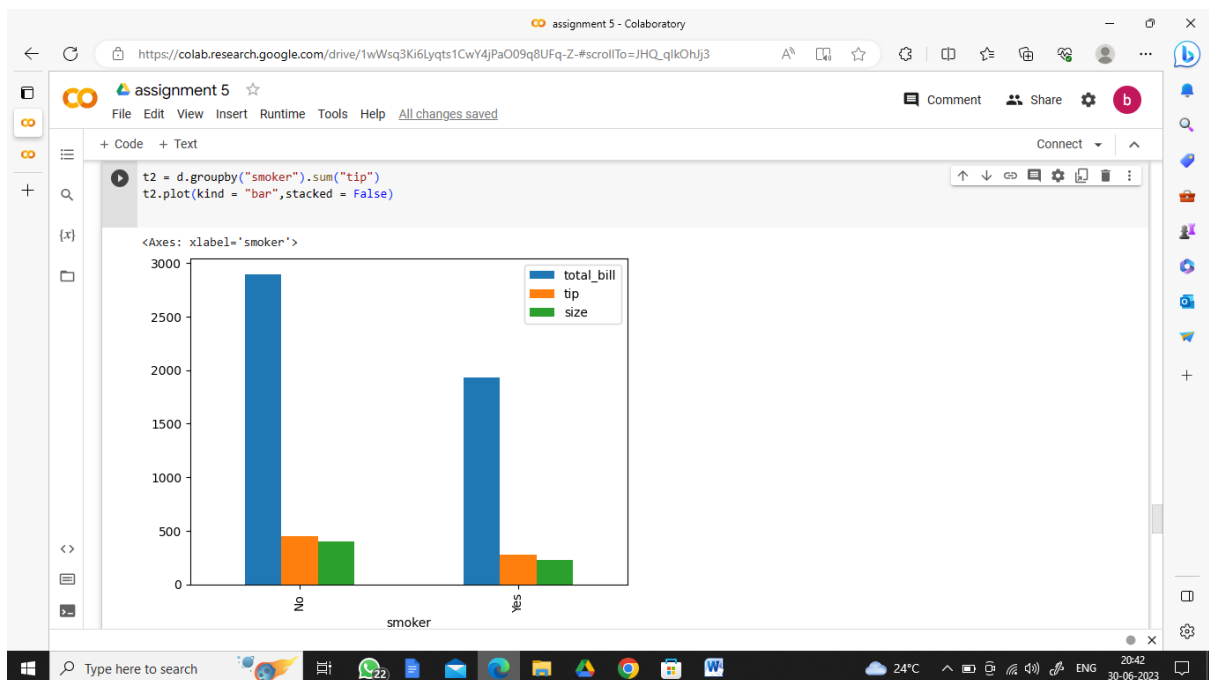
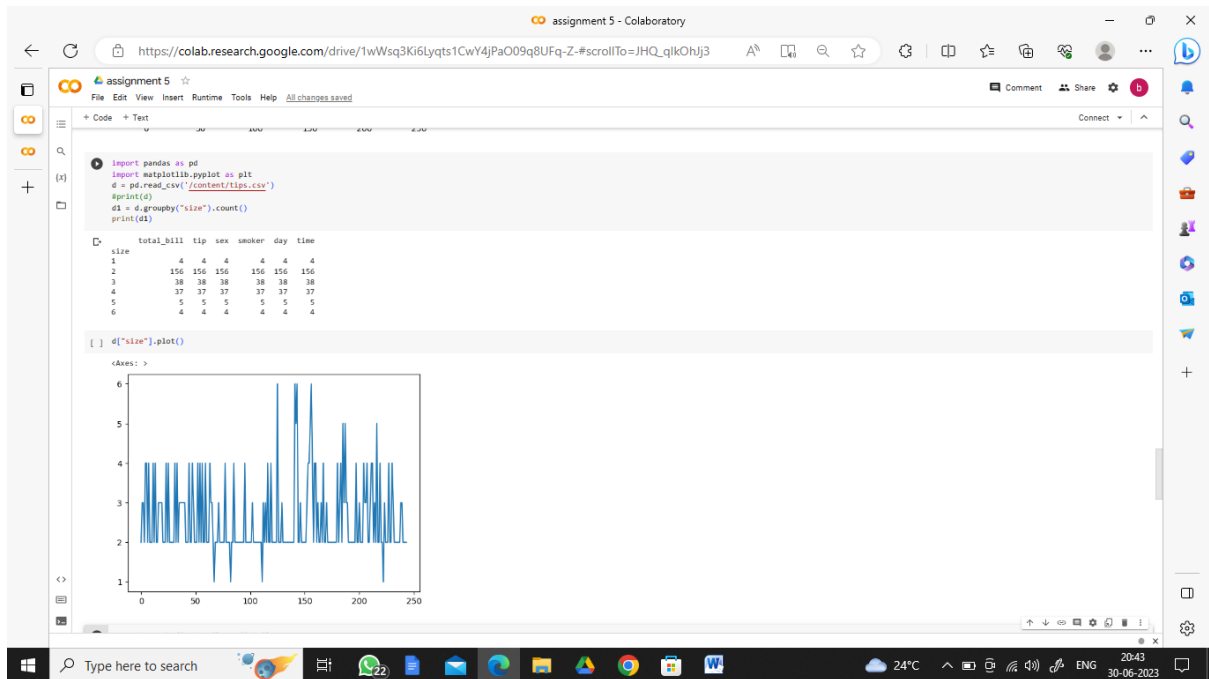
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