Program 1

Write a python program to import and export data using pandas library functions?
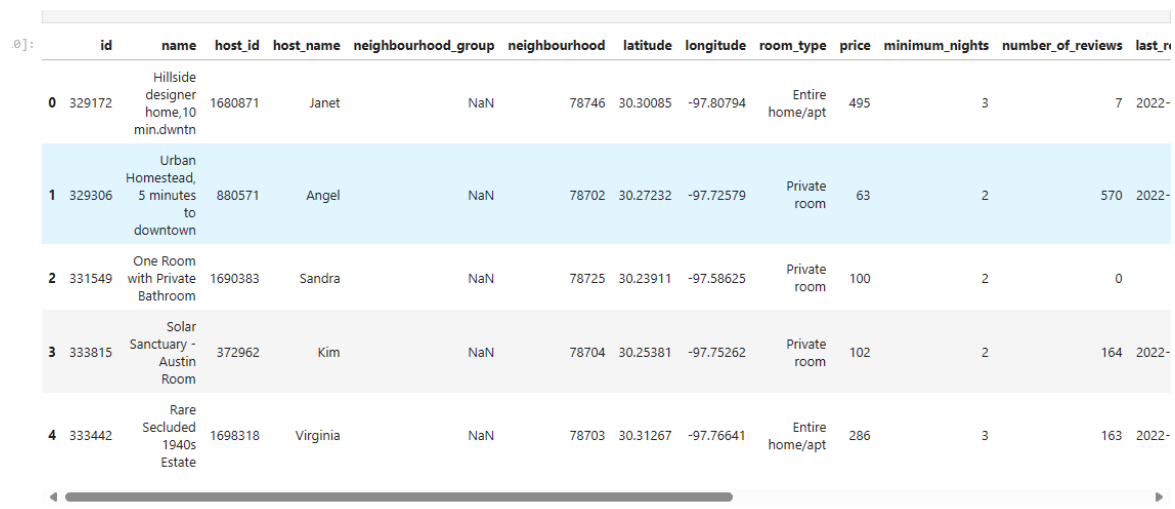
Code:

Import

```
import pandas as pd

airbnb_data = pd.read_csv("listings (1).csv")

airbnb_data.head()
```

	id	name	host_id	host_name	neighbourhood_group	neighbourhood	latitude	longitude	room_type	price	minimum_nights	number_of_reviews	last_re
0	329172	Hillside designer home,10 min.dwntn	1680871	Janet	NaN		78746	30.30085	-97.80794	Entire home/apt	495	3	7	2022-
1	329306	Urban Homestead, 5 minutes to downtown	880571	Angel	NaN		78702	30.27232	-97.72579	Private room	63	2	570	2022-
2	331549	One Room with Private Bathroom	1690383	Sandra	NaN		78725	30.23911	-97.58625	Private room	100	2	0	
3	333815	Solar Sanctuary - Austin Room	372962	Kim	NaN		78704	30.25381	-97.75262	Private room	102	2	164	2022-
4	333442	Rare Secluded 1940s Estate	1698318	Virginia	NaN		78703	30.31267	-97.76641	Entire home/apt	286	3	163	2022-

Export

```
airbnb_data.to_csv("list2.csv")
```

Reading the file from the URL:

```
url = "https://archive.ics.uci.edu/ml/machine-learning-databases/iris/iris.data"

col_names = ["sepal_length_in_cm",
        "sepal_width_in_cm",
        "petal_length_in_cm",
        "petal_width_in_cm",
        "class"]

iris_data = pd.read_csv(url, names=col_names)

iris_data.head()
```

	sepal_length_in_cm	sepal_width_in_cm	petal_length_in_cm	petal_width_in_cm	class
0	5.1	3.5	1.4	0.2	Iris-setosa
1	4.9	3.0	1.4	0.2	Iris-setosa
2	4.7	3.2	1.3	0.2	Iris-setosa
3	4.6	3.1	1.5	0.2	Iris-setosa
4	5.0	3.6	1.4	0.2	Iris-setosa

Screenshot from the lab record: