

Sania Bibi

Task # 14

```
Task_14.py X
C: > Users > HP > Desktop > Task_14.py > ...
1  import pandas as pd
2  import sqlite3
3  # csv
4  print("csv")
5  csv_file = pd.read_csv(r'c:\Users\HP\Desktop\csv_file.csv')
6  print(csv_file.head())
7  print("-----")
8
9
10 # JSON
11 print("Json")
12 json_file = pd.read_json(r'c:\Users\HP\Desktop\json_file.json', typ='series')
13 print(json_file.head())
14 print("-----")
15
16
17 # Excel
18 print("Excel")
19 data = pd.read_excel(r'c:\Users\HP\Desktop\Excel_file.xlsx')
20 print(data.head())
21 print("-----")
22
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

[Running] python -u "c:\Users\HP\Desktop\Task_14.py"

csv

	MsCode	Year	EstCode	Estimate	SE	LowerCIB	UpperCIB	Flag
0	MEASA	2007	A_Proportion	14.0	1.3	12.7	15.4	NaN
1	MEASA	2007	B_ChangeInProportion	NaN	NaN	NaN	NaN	NaN
2	MEASA	2007	C_Number	150.8	14.1	136.7	164.9	NaN
3	MEASA	2007	D_ChangeInNumber	NaN	NaN	NaN	NaN	NaN
4	MEASA	2007	E_Population	1073.4	NaN	NaN	NaN	NaN

Json

```
fruit    Apple
size     Large
color    Red
dtype: object
```

Excel

	0	First Name	Last Name	Gender	Country	Age	Date	Id
0	1	Dulce	Abril	Female	United States	32	15/10/2017	1562
1	2	Mara	Hashimoto	Female	Great Britain	25	16/08/2016	1582
2	3	Philip	Gent	Male	France	36	21/05/2015	2587
3	4	Kathleen	Hanner	Female	United States	25	15/10/2017	3549
4	5	Nereida	Magwood	Female	United States	58	16/08/2016	2468

Task_14.py X

C:\Users\HP\Desktop> Task_14.py > ...

```
22
23 # sql
24 print("sql")
25 import sqlite3
26 import pandas as pd
27 import sqlite3
28 conn=sqlite3.connect('test_database')
29 c=conn.cursor()
30 c.execute('CREATE TABLE IF NOT EXISTS product ([product_id] INTEGER PRIMARY KEY,[product_name]TEXT,[price]INTEGER)')
31
32 c.execute('INSERT OR IGNORE INTO product (product_id, product_name,price)VALUES(1,'bed',800),(2,'Printer',200),(3,'mobile',300),(4,'Desk',450),(5,'Chair',150)')
33 conn.commit()
34 df=pd.read_sql_query('SELECT * from product',conn)
35 print(df)
36 print("-----")
37 df = pd.DataFrame(df, columns = ['product_id', 'product_name', 'price'])
38 print (df)
39
40
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Code

	product_id	product_name	price
0	1	Computer	800
1	2	Printer	200
2	3	Tablet	300
3	4	Desk	450
4	5	Chair	150

	product_id	product_name	price
0	1	Computer	800
1	2	Printer	200
2	3	Tablet	300
3	4	Desk	450
4	5	Chair	150

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