

HOMework-3

S.MALATHY, B.E-CSE

DOMAIN:DATA SCIENCE WITH AI-ML

ANNAPOORANA ENGINEERING COLLEGE, SALEM.

json=javascript object notation

❖ Dataset into Dictionary

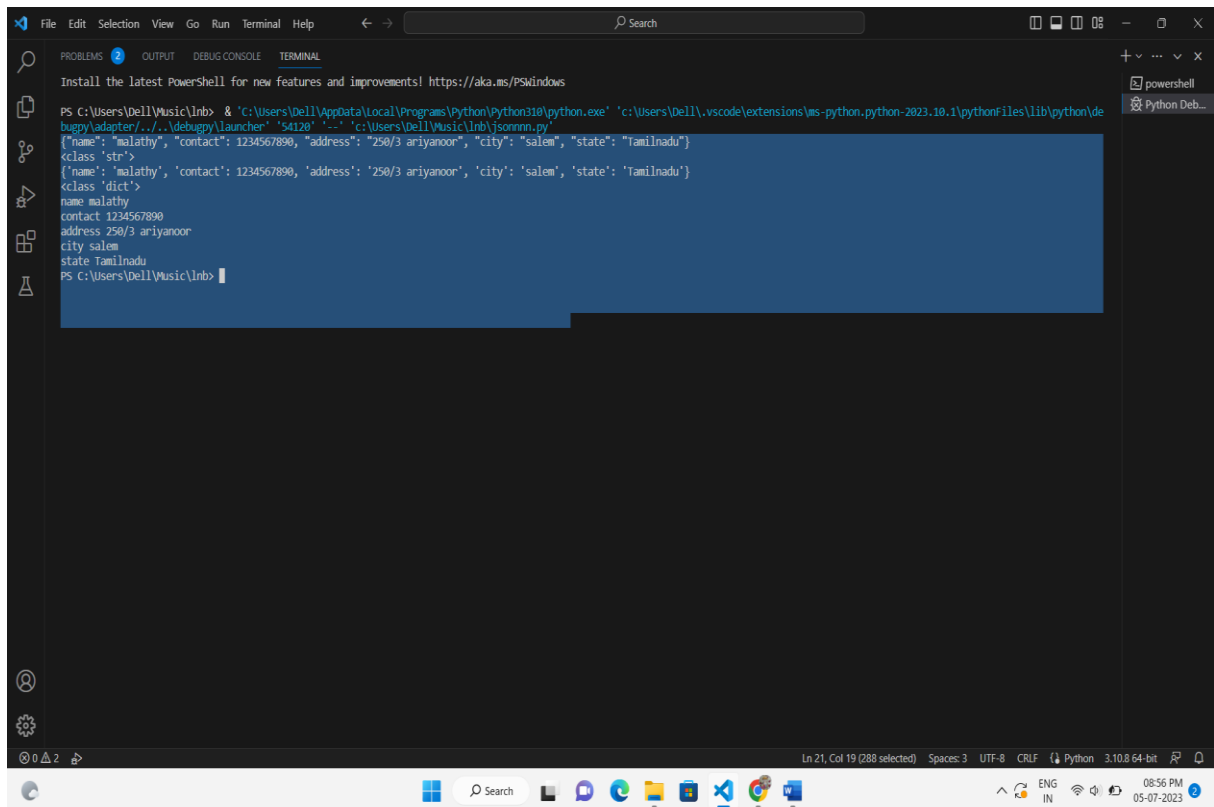
Program:

```
import json
d={'name':'malathy',
  "contact":1234567890,
  'address':'250/3 ariyanoor',
  'city':'salem',
  'state':'Tamilnadu'}
f=json.dumps(d) #string
print(f)
print(type(f))

f1=json.loads(f) #dictionary
print(f1)
print(type(f1))

for i in f1:
    print(i,f1[i])
```

output:



```
PS C:\Users\ DELL\Music\Inbox> & 'C:\Users\ DELL\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\ DELL\vscode\extensions\ms-python.python-2023.10.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '54120' '-c' 'c:\Users\ DELL\Music\Inbox\sonnnn.py'
{"name": "malathy", "contact": 1234567890, "address": "250/3 ariyanoor", "city": "salem", "state": "Tamilnadu"}
<class 'str'>
{'name': 'malathy', 'contact': 1234567890, 'address': '250/3 ariyanoor', 'city': 'salem', 'state': 'Tamilnadu'}
<class 'dict'>
name malathy
contact 1234567890
address 250/3 ariyanoor
city salem
state Tamilnadu
PS C:\Users\ DELL\Music\Inbox>
```

```
{"name": "malathy", "contact": 1234567890, "address": "250/3 ariyanoor", "city": "salem", "state": "Tamilnadu"}
```

```
<class 'str'>
```

```
{'name': 'malathy', 'contact': 1234567890, 'address': '250/3 ariyanoor', 'city': 'salem', 'state': 'Tamilnadu'}
```

```
<class 'dict'>
```

```
name malathy
```

```
contact 1234567890
```

```
address 250/3 ariyanoor
```

```
city salem
```

```
state Tamilnadu
```