JSON

JSON is a syntax for storing and exchanging data.

JSON is text, written with JavaScript object notation.

Python has a built-in package called `json`, which can be used to work with JSON data.

```python
import json


file_name = 'about_users.json'
```

```
player1 = {

    'name': 'Aram',

    'age': 18,

    'height':180,

    'awards':['master',3,2,1]

}
```

```
player2 = {

    'name': 'Ani',

    'age': 14,

    'height':178,

    'awards':[3,2,1]

}
```

```python
myplayers = [player1,player2]
with open(file_name, 'w') as file:
    json.dump(myplayers, file)
```

```python
file = open(file_name)

json_data = json.load(file)

for data in json_data:

    print(data)
```

```python
for data in json_data:
    print('\nPlayer name is', data['name'])

    print('Player age is', data['age'])

    print('Player height is', data['height'])

    print('Player awards is', data['awards'])
```

You can use try and except or else if you want to open file.

```python
file_name = 'about_users.txt'

try:

    with open(file_name) as file:

        user = json.load(file)

        print('Hello',user)
```

```python
except:

    username = input('what is your name? ')

    with open(file_name, 'w') as file:

        user = json.dump(username, file)

        print('Hello',username)
```

1. Write a Python program to add info in JSON file about you.
2. Write a Python program to get info in JSON file about you.
3. Write a Python program to check if your json file have this info.