# quiz-string-json

September 17, 2024

## 0.1 QUIZ - String JSON

1. Convert the following dictionary into JSON format

```
[1]: import json

data = {"key1" : "value1", "key2" : "value2"}

jsonData = json.dumps(data)
```

2. Access the value of key2 from the following JSON and then print it

```
[3]: sampleJson = """{"key1": "value1", "key2": "value2"}"""

parsed_data = json.loads(sampleJson)

value_of_key2 = parsed_data["key2"]

print(value_of_key2)
```

```
value2
```

3. Access the nested key 'salary' from the following JSON

```
[4]: sampleJson = """{
    "company":{
        "employee":{
            "name":"emma",
            "payble":{
                "salary":7000,
                "bonus":800
            }
        }
    }
}"""

parsed_data = json.loads(sampleJson)

data_salary = parsed_data["company"]["employee"]["payble"]["salary"]
```

```
print(data_salary)
```

7000

4. Parse the following JSON to get all the values of a key 'name' within an array

```
[6]: sampleJson = """[
    {
        "id":1,
        "name":"name1",
        "color":[
            "red",
            "green"
        ]
    },
    {
        "id":2,
        "name":"name2",
        "color":[
            "pink",
            "yellow"
        ]
    }
]"""

parsed_data = json.loads(sampleJson)

value_in_name = [item["name"] for item in parsed_data]

print(value_in_name)
```

['name1', 'name2']

```
[ ]:
```

```
[ ]:
```