

LOADS WILL TAKE STRING AND CONVERTED INTO JSON FORMAT

```
In [10]: import json

# some JSON:
x = ' { "name":"John", "age":30, "city":"New York"}'

# parse x:
y = json.loads(x)

print(y)

{'name': 'John', 'age': 30, 'city': 'New York'}
```

```
In [3]: print(y["age"])
```

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DUMPS WILL TAKE JSON OBJECT AND GIVE STRING OBJECT

```
In [12]: import json

x = {
    "name": "John",
    "age": 30,
    "married": True,
    "divorced": False,
    "children": ("Ann","Billy"),
    "pets": None,
    "cars": [
        {"model": "BMW 230", "mpg": 27.5},
        {"model": "Ford Edge", "mpg": 24.1}
    ]
}

# convert into JSON:
y = json.dumps(x)

# the result is a JSON string:
print(y)
```

```
{"name": "John", "age": 30, "married": true, "divorced": false, "children": ["Ann", "Billy"], "pets": null, "cars": [{"model": "BMW 230", "mpg": 27.5}, {"model": "Ford Edge", "mpg": 24.1}]}
```

```
In [17]: import json

x = {
    "name": "John",
    "age": 30,
    "married": True,
    "divorced": False,
    "children": ("Ann","Billy"),
    "pets": None,
    "cars": [
        {"model": "BMW 230", "mpg": 27.5},
        {"model": "Ford Edge", "mpg": 24.1}
    ]
}

# convert into JSON:
y = json.dumps(x)

# the result is a JSON string:
z=json.loads(y)
print(z)
```

```
{'name': 'John', 'age': 30, 'married': True, 'divorced': False, 'children': ['A
nn', 'Billy'], 'pets': None, 'cars': [{'model': 'BMW 230', 'mpg': 27.5}, {'mode
l': 'Ford Edge', 'mpg': 24.1}]}
```

In []: