**PRACTICAL No 10**

**A] Creating JSON**

import json

dict={

    "name":"Rohit",

    "age":36,

    "country":"India",

    "IPL\_team":"Mumbai Indians",

    "highest\_score":264

    }

print(f"Python dictionary is \n {dict}")

print("\ntype now is",type(dict))

json\_string=json.dumps(dict)

print(f"Python dictionary in json is \n {json\_string}")

print("\ntype now is",type(json\_string))

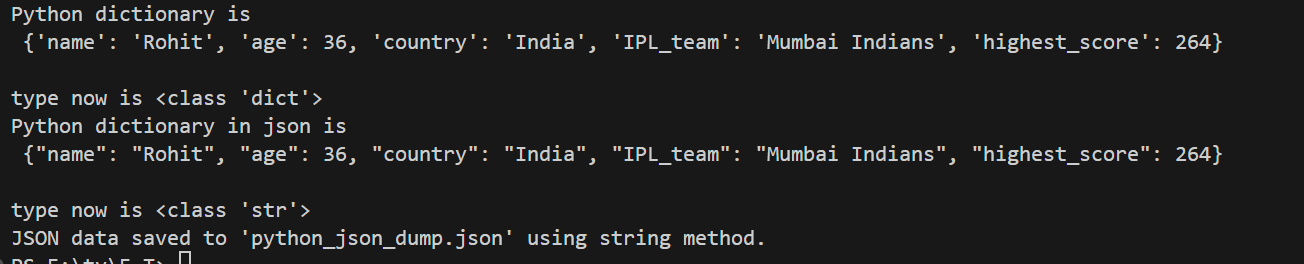
file\_name="python\_json\_dump.json"

with open(file\_name,"a") as a:

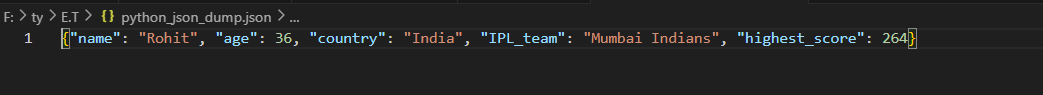
    a.write(json\_string)

print(f"JSON data saved to '{file\_name}' using string method.")

**OUTPUT:**



**Text file:**



**B]Parsing JSON**

import json

try:

        file\_name="python\_json\_dump.json"

        with open(file\_name, 'r') as json\_file:

            player\_data = json.load(json\_file)

        print("\nJSON Data Successfully Parsed into a Python Dictionary")

        print(f"Type of loaded data: {type(player\_data)}")

        print(f"Player Name: {player\_data['name']}")

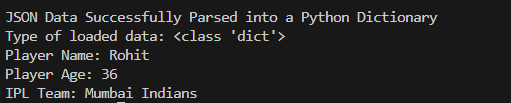
        print(f"Player Age: {player\_data['age']}")

        print(f"IPL Team: {player\_data['IPL\_team']}")

except e:

      print(e)

**OUTPUT:**



**C]Persisting JSON**

import json

dict={

    "name":"Rohit",

    "age":36,

    "country":"India",

    "IPL\_team":"Mumbai Indians",

    "highest\_score":264

    }

from pymongo import MongoClient

client = MongoClient('mongodb://localhost:27017/')

db = client['data=base']

collection = db['cric\_info']

result = collection.insert\_one(dict)

print(f"Data persisted to MongoDB. Document ID: {result.inserted\_id}")

client.close()

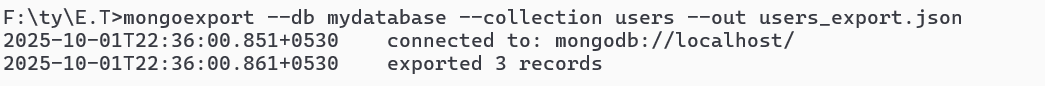
**OUTPUT:**



**D]Export MongoDB to JSON.**

**Command:**

**mongoexport --db mydatabase --collection users --out users\_export.json**



**E] Write a MongoDB query to delete JSON object from MongoDB.**

