Accessing items

phone = { "brand": "Apple",

          "model": "iPhone 13",

          "year": 2021 }

x = phone["brand"]

print(x)

print(phone["brand"])

print(phone["model"])

print(phone["year"])

changes values:

phone = { "brand": "Apple",

          "model": "iPhone 13",

          "year": 2021 }

x = phone["brand"]

print(x)

print(phone["brand"])

print(phone["model"])

print(phone["year"])

Check if key exists

phone = { "brand": "Apple",

          "model": "iPhone 13",

          "year": 2021

        }

if "model" in phone:

  print("Yes, 'model' is one of the keys in the phone dictionary")

Dictionary items:

phone =   { "brand": "Apple",

            "model": "iPhone 13",

            "year": 2021 }

print(phone["brand"])

loop in dictionary:

phone = { "brand": "Apple",

          "model": "iPhone 13",

          "year": 2021

        }

for x in phone:

  print(x)

  print(phone[x])

loop thought nested dictionary:

group = {

    "child1" : { "name" : "yuva", "age" : 20},

}

for x,obj in group.items():

    print(x)

    for y in obj:

        print(y + " : " ,obj[y])

Nested Dictionaries:

group = {

    "class1": {

        "student1": {

            "name": "yuva", "age": 20

        }

    },

    "class2": {

        "student1": {

            "name": "krishna", "age": 21

        }

    }

}

print(group["class1"]["student1"]["name"])

print(group["class2"]["student1"]["age"])

Peri name list

peri = {

    "student1": {

        "name": "yuva",

        "age": 20,

        "city": "chennai"},

    "student2": {

        "name": "krishna",

        "age": 21,

        "city": "bangalore"},

    "student3": {

        "name": "ace",

        "age": 22,

        "city": "hyderabad"},

    "student4": {

        "name": "deku",

        "age": 23,

        "city": "mumbai"}

}

del peri["student1"]["age"]

del peri["student2"]["age"]

del peri["student3"]["age"]

del peri["student4"]["age"]

print(peri)

Removing items

phone = { "brand": "Apple",

          "model": "iPhone 13",

          "year": 2021

        }

phone.pop("model")

print(phone)

update dictionary

phone = { "brand": "Apple",

          "model": "iPhone 13",

          "year": 2021

        }

phone.update({"year": 2022})

print(phone)