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In [ ]: # Dictionaries are used to store key value pairs Eg age of people
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In [7]: # to define an empty dictionary

d = {}

d = dict() #same as above but longer
```

```
In [15]: # Filling in the empty dictionary
d["George"] = 24
d["Tom"] = 32
d["Jenny"] = 16

# George, Tom, Jenny are keys of the dictionary
# 24, 32, 16 are the values associated with each key respectively
```

```
In [16]: print(d["George"])
print(d["Tom"])
print(d["Jenny"])
```

```
24
32
16
```

```
In [18]: # changing value of a key

d["Jenny"] = 20
print(d["Jenny"])
```

```
20
```

```
In [19]: # Values can be of any type
# Keys on the other hand can be strings or numbers
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In [21]: # How to iterate for key-value pairs
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for key, value in d.items():
    print("Key: ", key)
    print("Value: ", value)
    print("")
```

```
Key:    George
Value:  24
```

```
Key:    Tom
Value:  32
```

```
Key:    Jenny
Value:  20
```

In []: