age = int(input('What is your age: '))

name="ben"

condition = (age < 18 and name == "ben")

print(condition)

print(not condition != "ben")

is\_dev\_cool = False

**if** is\_dev\_cool:

**print**("Dev is cool")

**else**:

**print**("Dev isn't cool")

**LISTS:**

list1 = [1, 2, True, 5.3, "hello"]

names = ["luke", "James", "Jacob", "Isac"]

towns = ["batley", "manchester", "london"]

full\_list = [list1, names, towns]

variable = int(input("list your first num "))

variable2 = int(input("list your second num "))

print(full\_list[variable][variable2])

new = ":".join(towns)

print(new)

**Dictionairys:**

**The key must be unique**

my\_dict = {"name":True, "chocolate":"delicious", "age":26}

print(my\_dict[True])

my\_dict = {"name":True, "chocolate":"delicious", "age":26, "favourite foods":["Bagels", "water"]}

my\_dict["adding"] = "value"

print(my\_dict)

print(my\_dict.keys())

print(my\_dict.values())

print(my\_dict["favourite foods"][1])

While:

pushup = int(input('Type your number in: '))

while pushup < 10:

    print("Hello")

    pushup = pushup + 1

pushup = 0

while pushup < 10:

    pushup = pushup + 1

    if pushup == 3:

        break #or use continue

    print(pushup)

For Loops:

for i in [2,4,6,8,444,6,44,3]:

    print(f'this is i: {i}')

print(list(range(5)))

for i in (range):

    print(i)

for i in range (10,100,1):

    print(i)

for i in range(10):

    for j in range(5):

        print(f'First loop: {i}, Second loop {j}')

condingbat – use this for practicing the code

Assertions:

def f():  
 return 100  
  
def test\_function():  
 assert f() == 100  
 if f() == 100:  
 print("hello")  
  
test\_function()