

CONTROL FLOW IN LOOPS

In [14]:

```
for i in range(10):  
    if i % 2 == 0:  
        print("Even number =", i)  
    else:  
        print("Od numer =", i)
```

Even number = 0
Od numer = 1
Even number = 2
Od numer = 3
Even number = 4
Od numer = 5
Even number = 6
Od numer = 7
Even number = 8
Od numer = 9

In [16]:

```
for i in range(10):  
    if i == 4:  
        print("MORNING!")  
    elif i == 7:  
        print("NIGHT!")  
    else:  
        print(i)
```

0
1
2
3
MORNING!
5
6
NIGHT!
8
9

In [17]:

```
x = 0  
while x < 10:  
    if x == 6:  
        print("HELLO THERE!")  
  
    elif x > 8:  
        print("Good MORNING!")  
  
    else:  
        print("COOL!")
```

```
print("COOL.", )  
x += 1
```

COOL!
COOL!
COOL!
COOL!
COOL!
COOL!
HELLO THERE!
COOL!
COOL!
Good MORNING!

In [18]:

```
for s in range(10):  
    if s == 6:  
        print("HELLO THERE!")  
    elif s > 8:  
        print("Good MORNING!")  
    else:  
        print("COOL!")
```

COOL!
COOL!
COOL!
COOL!
COOL!
COOL!
HELLO THERE!
COOL!
COOL!
Good MORNING!

In [19]:

```
num = [10, 5, 20, 3, 100, 4, 7]  
rad = [4, 1, 40, 3, 120, 5, 7]
```

In [20]:

```
x = 0  
while x < len(num):  
    if num[x] == rad[x]:  
        print("EQUAL")  
    elif num[x] > rad[x]:  
        print("Greater")  
  
    else:  
        print("Less")  
    x += 1
```

Greater
Greater
Less
EQUAL
Less
Less
Less
EQUAL

In [21]:

```
in [21]:
```

```
for x in range(len(num)):  
    if num[x] == rad[x]:  
        print("EQUAL")  
    elif num[x] > rad[x]:  
        print("Greater")  
  
    else:  
        print("Less")
```

Greater

Greater

Less

EQUAL

Less

Less

EQUAL