In [ ]:
```
# Boolean data type  two values is
# True
# False
```

In [ ]:
```
# Three boolean data type operators is
# And
# or
# Not
```

In [ ]:
```
# (5 > 4) and (3 == 5) means both condintions are stasify
# not (5 > 4) first check 5 is greater than 4 we put not before the experesi
(5 > 4) or (3 == 5) # stasify one of the condinition only
#
```

In [ ]:
```
# comprasion operators
>=
<=
>
<
=
```

In [7]:
```
x=5
if x==5:
    print("yes")
else:
    print("false")
```

```
yes
```

In [9]:
```
spam = 0
if spam == 10:
    print("eggs")
if spam > 5:
    print("balcon")
else:
    print("ham")
    print("spam")
    print("spam")
    # if condintion fail it comes to else condintion
```

```
ham
spam
spam
```

In [14]:
```
spam=int(input())
if spam==1:
    print("Hello")
elif spam==2:
    print("Howdy")
else:
    print("Greetings")
```

```
3
Greetings
```

In [15]:
```
# break statement give one condintion if that condintion stasify it termenia
for i in range(10):
    if i==5:
        break
    print(i)
    i+=1

```

```
0
1
2
3
4
```

In [16]:
```
# continue statement give one condintion if that condintion stasify it skip
for i in range(10):
    if i==5:
        continue
    print(i)
    i+=1
```

```
0
1
2
3
4
6
7
8
9
```

In [17]:
```
for i in range(10):
    print(i)
# print upto 9 exculde last value but defaultly start with 0
```

```
0
1
2
3
4
5
6
7
8
9
```

In [18]:
```
for i in range(0,10):
    print(i)
# print upto 9 exculde last value
```

```
0
1
2
3
4
5
6
7
8
9
```

In [19]:
```
for i in range(0,10,1):
    print(i)
# here o is start 10 is end 1 is step size
```

```
0
1
2
3
4
5
6
7
8
9
```

In [4]:
```
x=1
while 11>x:
    print(x)
    #if x==12:
        #break
    x+=1
# print numbers betweem 1 to 10 using while loop
```

```
1
2
3
4
5
6
7
8
9
10
```

In [5]:
```

```

In [ ]:
```

```