

```
In [2]: #Conditional operators: >, <, >=, <=, !=, ==
age = int(input("Enter your age:"))
print("Your age is:", age)

print(age>18)
print(age<18)
print(age>=18)
print(age<=18)
print(age!=18)
print(age==18)
```

```
Enter your age:22
Your age is: 22
True
False
True
False
True
False
```

```
In [4]: #Conditional loops (if else)
age = int(input("Enter your age:"))
print("Your age is:", age)

if (age>18):
    print("You are an adult") #This space is called indentation in python
else:
    print("You are a kid")
```

```
Enter your age:22
Your age is: 22
You are an adult
```

```
In [12]: # if elif else statements
num = int(input("Enter the value if num:"))
if (num<0):
    print("The num is negative")
elif (num==0):
    print("The num is zero")
else:
    print("The num is positive")
print("The value of num is:", num) #this statement is out of loop it will run in either case if the indent was
```

```
Enter the value if num:-3
The num is negative
The value of num is: -3
```

```
In [20]: #Nested if statements
nos = int(input("Enter a number:"))
if (nos<0):
    print("The nos is negative")
elif (nos>0):
    if (nos<10):
        print("The nos is in between 0 - 10")
    elif (nos>10 and nos<=20):
        print("The nos is in between 10-20")
    else:
        print("The nos is greater than 20")
else:
    print("The nos is zero")
```

```
Enter a number:22
The nos is greater than 20
```

```
In [1]: time = int (input("Its o'clock"))
if (time>6):
    print("Good Morning")
elif (time>=12 and time<5):
    print("Good Afternoon")
elif (time>=5 and time<=8):
    print("Good Evening")
else:
    print("Good Night")
```

```
Its o'clock10
Good Morning
```

```
In [ ]:
```