1. Even or Odd ?

```python
x = int (input ("Enter a number :"))
if (x % 2 == 0):
    print (" The number is Even")
else:
    print (" The number is Odd").
```

output:

Enter a number : 3

The number is Odd

Enter a number : 4

The number is Even

2. Which one is greater / lesser ?

```python
a = int (input ("Enter first number :"))
b = int (input ("Enter second number :"))
if a > b :
    print ("a is greater than b")
elif a < b:
    print ("b is greater than a")
else:
    print ("a and b are equal")
```

output:

Enter first number : 20

Enter second number : 15

a is greater than b

Sunday 26

3. Final the number is positive or negative?

```
x = int (input ("Enter a number:"))     # output
if x > 0:
    print ("The number is positive")     Enter a number : -3
elif x < 0:
                                         The number is negative
    print ("The number is negative")
else:
    print ("The number is zero")
```

4. Divisible by 9

```
                                          # output:
a = int (input ("Enter a number :"))
                                          Enter a number: 81
if a % 9 == 0:
                                          The number is
    print ("The number is divisible by 9")   divisible by 9
else:
    print ("The number is not divisible by 9")
```

5. Vote eligible or not

```
age = int (input ("Enter the age:"))      # output
if age >= 18:                             Enter the age: 18
    print ("The person is eligible to vote")   The person is
else:                                     eligible to vote
    print ("The person is not eligible to vote")
```

6. Find the user is male / female) :

gender = input (

7. Write a Code for input 1 → True 0 → false

```
x = int (input ("Enter a number : "))
if x == 0 :
    print ("false")
elif x == 1 :
    print ("True")
else :
    print (" The number is neither True nor False")
```

```
# Output :
Enter a number : 1
True .
```

10. Input python → output n , input Java output j

```
x = input
```

8. favourite / not favourite

9

```
number = int (input ("Enter a number:"))
favourite = [1, 3, 6, 7, 9, 11, 14]
notfavourite = [4, 8, 13, 17]
if number in favourite:
    print ("The number is favourite")
elif number in notfavourite:
    print ("The number is notfavourite")
else:
    print ("The number is neutral")
```

Output

Enter a number:10

The number is
neutral

```
9.  name = "RC"
    age   = 27
    tamil = 88
    english = 93
    math = 100
    Science = 82
    Social = 90
    total = tamil + english + math + science + social
    average = total /5
    print ("Name:", name)
    print ("Age:", age)
    print ("Tamil:", tamil)
    print ("English:", english)
    print ("Math:", math)
    print ("Science:", science)
    print ("Social:", social)
    print ("Total:", total)
    print ("Average:", average)
```