Write a program to find a person is elg to vote or not

```python
name=input("Enter Name ")
age=int(input("Enter Age "))
if age>=18:
    print(f'{name} is elg to vote')
else:
    print(f'{name} is not elg to vote')
```

Output
Enter Name naresh
Enter Age 40
naresh is elg to vote

Enter Name suresh
Enter Age 14
suresh is not elg to vote

Example:
Write a program to find input number is even or odd

```python
num=int(input("Enter any number "))
r=num%2
if r==0:
    print(f'{num} is even')
else:
    print(f'{num} is odd')
```

Output
Enter any number 6
6 is even

Enter any number 7
7 is odd

Write a program to find a person elg to take loan
input creditscore, if creditscore is greater than 750
elg to take loan

```python
credit_score=int(input("Credit Score "))
```

```python
if credit_score>=750:
    print("Elg to take loan")
else:
    print("Not Elg to take loan")
```

Output
Credit Score 650
Not Elg to take loan

Credit Score 900
Elg to take loan

Example:
```python
# Write a program to display "Hello" if number entered by
# user is multiples of 5 else display "Bye"

num=int(input("Enter any number "))
if num%5==0:
    print("Hello")
else:
    print("Bye")
```

Output
Enter any number 25
Hello

Enter any number 27
Bye

Example:
```python
# Write a program to check whether the last digit
# of a number entered by user is divisible by 3 or not

num=int(input("Enter any number "))
last_digit=num%10
if last_digit%3==0:
    print("Divisible")
else:
    print("Not Divisible")
```

Output
Enter any number 129
Divisible

Enter any number 125
Not Divisible

Example:
Write a program to find minimum number of two input numbers

num1=int(input("Enter First Number "))
num2=int(input("Enter Second Number "))
if num1<num2:
    print(f'{num1} is minimum')
else:
    print(f'{num2} is minimum')

Output
 Enter First Number 10
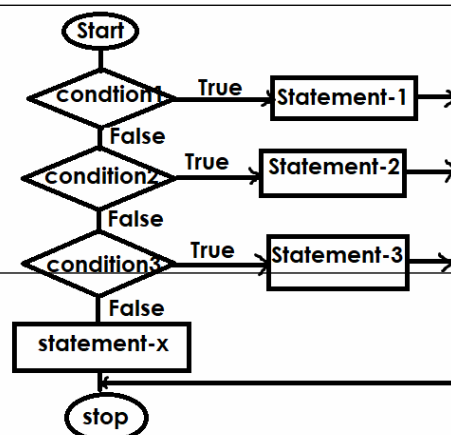Enter Second Number 20
10 is minimum

Enter First Number 5
Enter Second Number 3
3 is minimum

If..elif..else (if else ladder)
Using multiple condition is called if..elif..else ladder

Syntax:	

Syntax:
If <condition1>:
    Statement-1
elif <condition2>:
    Statement-2
elif <condition3>:	

Statement-3 …. else: statement-x if condition1 is True, python executes statement-1 if condition1 is False, condition2 is True python execute statement-2 if condition1,condition2 are False, condition3 is True, python executes Statement-3 if condition1,condition2,condition3 are False, python execute statement-x	

Q1. Write a program to accept percentage from the user and display the grade according to the following criteria:

Marks	Grade
> 90	A
> 80 and <= 90	B
>= 60 and <= 80	C
below 60	D

```
p=int(input("Enter Percentage "))
if p>90:
    print("A Grade")
elif p>80 and p<=90:
    print("B Grade")
elif p>=60 and p<=80:
    print("C Grade")
else:
    print("D Grade")
```

Output

Enter Percentage 98
A Grade

Enter Percentage 85
B Grade

Enter Percentage 65
C Grade

Enter Percentage 50
D Grade

Q8. Write a program to calculate the electricity bill (accept number of unit from user) according to the following criteria :

Unit	Price
First 100 units	no charge
Next 100 units	Rs 5 per unit
After 200 units	Rs 10 per unit

(For example if input unit is 350 than total bill amount is Rs2000)
Show Answer

```
units=int(input("Enter Units "))
if units<=100:
    bill=0
elif units>100 and units<=200:
    bill=(units-100)*5
else:
    bill=(100*5)+(units-200)*10

print(f'Total Bill {bill}')
```

Output
Enter Units 50
Total Bill 0

Enter Units 150
Total Bill 250

Enter Units 250
Total Bill 1000