**Tutorial 03**

**Part 01**

a.

b. age= int(input("Type your age? "))

if age>=18:

print("Can vote")

**Part 02**

a.

b.

mark = int(input("Enter your mark?"))

if mark<40 :

print("FAIL")

else:

print("PASS")

c.

number= int(input("Enter a number: "))

if number%2 == 0:

print("Even number")

else:

print("Odd number")

**Part 03**

a.

selection = int(input("Enter 1 or 2 : "))

if selection == 1:

value = int(input("Enter the temperature : "))

f=(value \* 1.8)+32

print (f)

elif selection ==2:

value = int(input("Enter the temperature : "))

c=(value - 32)/1.8

print (c)

else:

print("Invalid operation entered")

b.

operator = input("Select the operator :")

if operator == "+" :

number1= int(input("Enter number 1 :"))

number2= int(input ("Enter number 2 :"))

add = number1 + number2

print(add)

elif operator == "\*" :

number1= int(input("Enter number 1 :"))

number2= int(input ("Enter number 2 :"))

mul= number1\*number2

print(mul)

elif operator == "-" :

number1= int(input("Enter number 1 :"))

number2= int(input ("Enter number 2 :"))

sub=number1-number2

print(sub)

elif operator == "/" :

number1= int(input("Enter number 1 :"))

number2= int(input ("Enter number 2:"))

div=number1/number2

print(div)

else :

print( "Invalid operator.")

c.

amount = int(input("Please enter the bill amount:"))

print ("Ratings: 1 = Totally satisfied, 2 = Satisfied, 3 = Dissatisfied.")

rate= input("Please rate our service:")

if rate == "1":

tip = amount \*20/100

print(tip)

elif rate == "2":

tip = amount \*15/100

print(tip)

elif rate == "3":

tip = amount \*10/100

print(tip)

else:

print("Wrong input")

**Part 4**

a.

b.

m = int(input('Give me number between 1 and 10: '))

if 0<m and m<10:

print('Well done! You gave me: ',m)

else:

print(" Wrong input")

**Part 05**

ans= input("Do you like python?")

ans=ans.lower()

if ans == "yes":

print("you are on the right course")

elif ans == "no":

print("you might change your mind")

else:

print(" I did not understand")

**Part 07**

import random

secret\_number = input("Enter to flip the coin:")

secret\_number = random.randint(0,1)

if secret\_number == 0 :

print("Heads")

else:

print("Tails")