```
1) Write a python program to design simple
 calculator for operations
 + (addition), - (subtraction), + (Multiplication), / (division),
 % (Modulus, ** (exponent), 11 ( Floor division)
      Print ("1. Addition)
      point ("2. Subtraction")
      Perint ("3 - Multiplication")
       print ("4 Division")
       print ("5 Modulus")
      print ("6. exponent")
       print (" 7 Floor division")
    choice = Int (input ("Enter your choice:");
       of (choice >= 1 and choice <= 7):
             prant ("Enter two numbers:");
              num1 = int (input())
              num 2 = int (input())
             9/ choice == 1:
                   ores = num 1 + num 2
                   print (" Result = ", nes)
             elif choice == 2:
                    nes = num | - num 2
                   pount ("Result = ", res)
```

```
clif choice == 3:
     stes = numi * num2
      Paint ("Result = ", res)
elif choice == 4:
       oles = numi / num2
      Prant ("Result = ", ous)
    Choice = = 5;
elif
       sees = num 1 % num 2
       print ("Result =" nes)
plif
     choice = = 6;
        stes = num 1 ** num 2
       present ("Result =", nes)
 elif
       choice = = 7;
         sees = numi / num 2
        posint 1° Result = ", res)
 else .
       prant ("Wrong grant ..!!")
```

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```
1) Write a python program to calculate simple
    P = - Hoat (input ("Enter the principal amount:"))

T = float (input ("Enter the number of years:"))

R = - float (input ("Enter the nate of interest:"))
        SI = (P*T*R)/100
        pount ("Somple onterest: ()". formot (SI))
    Weite a python program to calculate area of cercle
        oradius = float (input l'please Enter the radius of a corde: ')
         anea = PI + radius + radius
         pount (" couea of circle = %. 24" / o area)
     Write a program to calculate aviea of a briangle.
       a = float (Input ('Enter finit side: ))
b = float (input ('Enter second side:))
        c = float (Input (Enter thord sede:2)
```

calculate the seni-pourmeter S=(a+b+c)/2

(alculate the area

area = (s*(s-a) * (s-b) * (s-c)) * 0.5

Print(' The area of the briangle is

% 0.26'% area)

5) Write a python program to convert temperature in celius to Fahrenbeit

-fabrienheit = (celisus * 1.8) + 32

print (°% 0. If degree celisus is equal to
% 0. If degree Fabrienheit '% (celisus, fabrienheit)

by Write a python priogram to calculate area of rectangle.

length = float (Input (Enter the length of a Rectangle:))
width = float (Input (Enter the width of a Rectangle:'))

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onea length a mostly

prient ('The ones of a Rectargle = ', area) of a Equare of a square So Int (Input ('Exten the side: ')) anca sus pounder: 4 x 5

pound ("Pounder of Square: ", overa)

pound ("pounder of square: ", pointer) s) white a python program to calculate concumberer -ce of circle Madius: float Cinput (" Enter the madius of the concumpenence = 2 * math. pi * nadius
pount (" Cercumpenence of cincle; % 26 "% cincumpe -nerve)