#simple interest

p=int(input("enter the value of p:"))

t=int(input("enter the value of t:"))

r=int(input("enter the value of r:"))

si=p\*t\*r/100

print("simple interest:",si)

print('\n')

#area of circle

r=int(input("enter the value of r:"))

area=3.142\*r\*r

print("area of circle",area)

print('\n')

#area of the triangle

b=float(input("enter the base value:"))

h=float(input("enter the height value:"))

area=0.5\*b\*h

print("area of the triangle",area)

print('\n')

#celsius to farenheit

c=float(input("enter the temperature value in celsius:"))

f=(1.8\*c)+32

print("temperature in farenheit:",f)

print('\n')

#area of rectangle

l=float(input("enter the length:"))

b=float(input("enter the breadth:"))

area=l\*b

print("area of rectangle:",area)

print('\n')

#perimeter of square

a=float(input("enter the side value:"))

perimeter=4\*a

print("perimeter of the square:",perimeter)

print('\n')

#circumference of circle

r=float(input("enter the radius value:"))

c=2\*3.142\*r

print("circumference of the circle:",c)

print('\n')

#swapping of two numbers

a=int(input("enter a value:"))

b=int(input("enter b value:"))

print("value of a before swapping:",a)

print("value of b before swapping;",b)

temp=a

a=b

b=temp

print("value of a after swapping:",a)

print("value of b after swapping;",b)