```
1 #multiplication of two numbers
2 num1=6
3 num2=6
4 #multiplication of two numbers
5 mul=num1*num2
6 #display the multiplication
7 print('the mul of {0} and {1} is {2}'.
  format(num1,num2,mul))
```

```
#subtraction of two numbers
num1=1.5
num2=6.3
#subtract two numbers
subtract=num1-num2
#display the subtract
print('the subtract of {0} and {1} is {2}'.
format(num1,num2,subtract))
```

```
1  # Python Program - Calculate
   Circumference of Circle
2
3  print("Enter 'x' for exit.");
4  rad = input("Enter radius of circle: ");
5  if rad == 'x':
6      exit();
7  else:
8      radius = float(rad);
9      circumference = 2*3.14*radius;
10     print("\nCircumference of Circle =",
   circumference);
```

```
1  #perimeter if square
2  3
3  4
4  5
5  6
6  7
7
8  s=int(input("Side : "))
9  area=s*s
10 perimeter=4*s
11 print("Area of Rectangle : ",area)
12 print("Perimeter of Rectangle : ",perimeter)
13
14
```

```
# Python Program - Calculate Area of
Rectangle

print("Enter 'x' for exit.");
leng = input("Enter length of Rectangle: ");
if leng == 'x':
    exit();
else:
    brea = input("Enter breadth of
Rectangle: ");
    length = int(leng);
    breadth = int(brea);
    area = length*breadth;
    print("\nArea of Rectangle =",area);
```

```
1  # Python Program to convert temperature
   in celsius to fahrenheit
2
3  # change this value for a different result
4  celsius = 37.5
5
6  # calculate fahrenheit
7  fahrenheit = (celsius * 1.8) + 32
8  print('%0.1f degree Celsius is equal to %0.
   1f degree Fahrenheit' %(celsius,
   fahrenheit))
```

```
# Python Program to find the area of
triangle

a = 5
b = 6
c = 7

# Uncomment below to take inputs from
the user
# a = float(input('Enter first side: '))
# b = float(input('Enter second side: '))
# c = float(input('Enter third side: '))

# calculate the semi-perimeter
s = (a + b + c) / 2

# calculate the area
area = (s*(s-a)*(s-b)*(s-c)) ** 0.5
print('The area of the triangle is %0.2f'
%area)
```

```
# Python Program to find Area Of Circle

PI = 3.14
radius = float(input(' Please Enter the
radius of a circle: '))
area = PI * radius * radius
circumference = 2 * PI * radius

print(" Area Of a Circle = %.2f" %area)
print(" Circumference Of a Circle = %.2f"
%circumference)
```

```
1 #simple intrest program
2 P = float(input("Enter the principal amount
  : "))
3 N = float(input("Enter the number of years
  : "))
4 R = float(input("Enter the rate of interest :
  "))
5 #2
6 SI = (P * N * R)/100
7 print("Simple interest : {}".format(SI))
```

```
1  # Python program to swap two variables
2
3  x = 5
4  y = 10
5
6  # To take inputs from the user
7  #x = input('Enter value of x: ')
8  #y = input('Enter value of y: ')
9
10 # create a temporary variable and swap
   the values
11 temp = x
12 x = y
13 y = temp
14
15 print('The value of x after swapping: {}'.
   format(x))
16 print('The value of y after swapping: {}'.
   format(y))
```

```
1  # This program adds two numbers
2
3  num1 = 1.5
4  num2 = 6.3
5
6  # Add two numbers
7  sum = num1 + num2
8
9  # Display the sum
10 print('The sum of {0} and {1} is {2}'.
   format(num1, num2, sum))
```