Python Programming Exercise 3

Making Choices

1. Write program to input three numbers from user and find maximum of the three numbers.
2. Write a program using ternary operator to convert a given temperature from Fahrenheit to Celsius and vice versa (HINT : C= (5/9)\*(F-32) and F=1.8\*(C+32)
3. Input basic salary from user and calcute the following :

Basic Salary Tax in %

1 lakh 0%

between 1lakh to 10 lakh 10%

above 10 lakh 20%

Calculate Gross Salary = Basic Salary – Tax.

1. Write a program to calculate the area of

( a ) circle (p\*r2), where p=3.14

( b ) square (side \* side )

( c ) rectangle (length \* breadth )

1. Define a class called mobike with the following description:   
   *Instance* variables/data members:

int bno – to store the bike’s number  
 int phno – to store the phone number of the customer  
 String name – to store the name of the customer  
 int days – to store the number of days the bike is taken on rent  
 int charge – to calculate and store the rental charge

*Member methods:*  
 void input( ) – to input and store the detail of the customer.  
 void computer( ) – to compute the rental charge  
 The rent for a mobike is charged on the following basis.  
 First five days Rs 500 per day;  
 Next five days Rs 400 per day  
 Rest of the days Rs 200 per day

void display ( ) – to display the details in the following format:

Bike No. PhoneNo. No. of days Charge