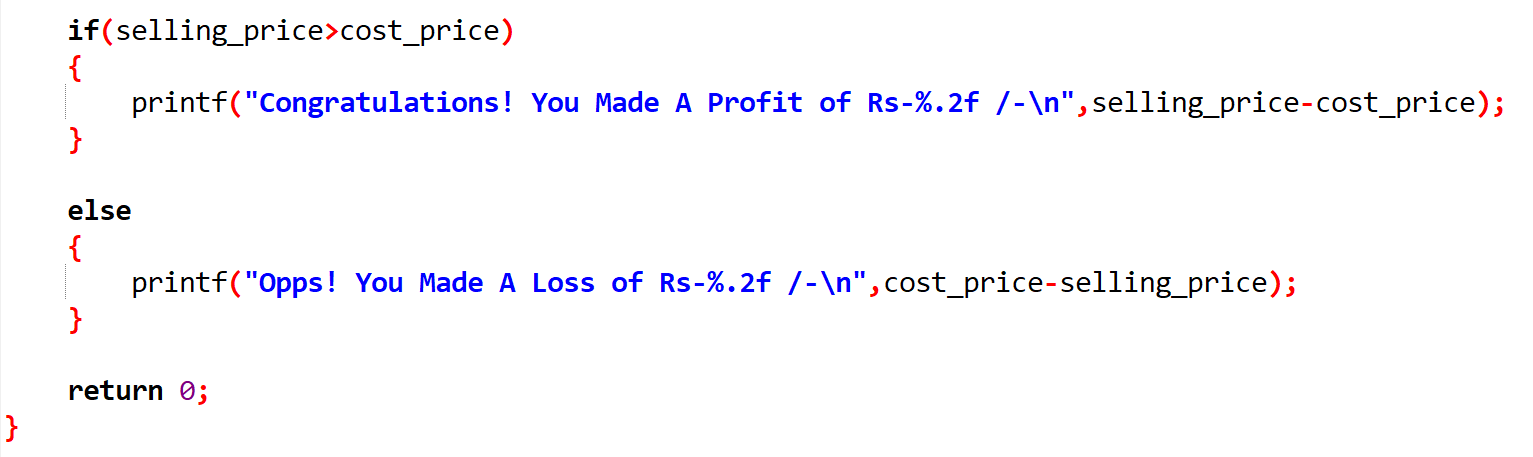
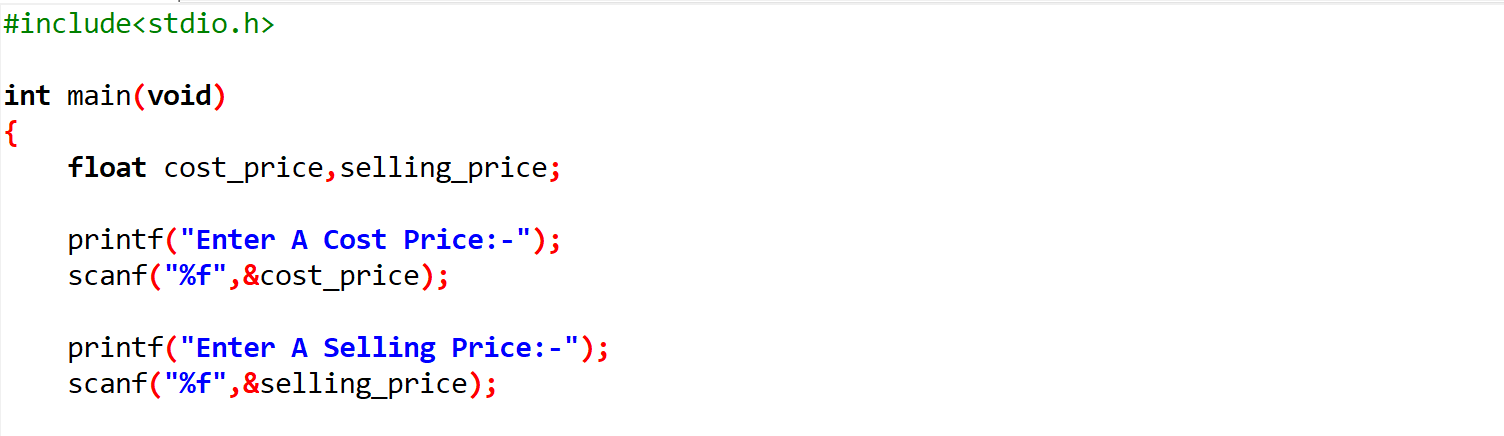
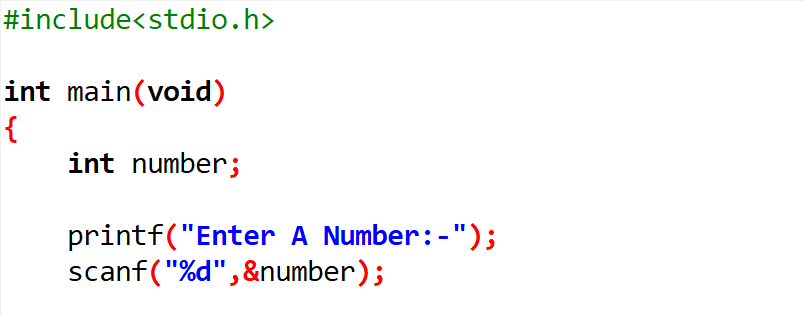
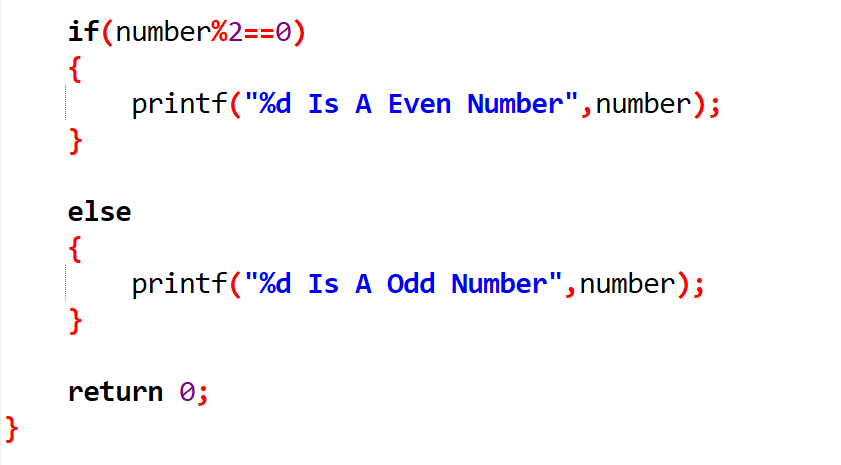
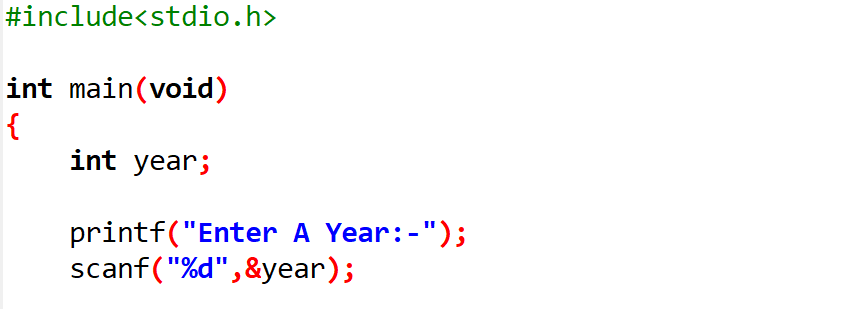
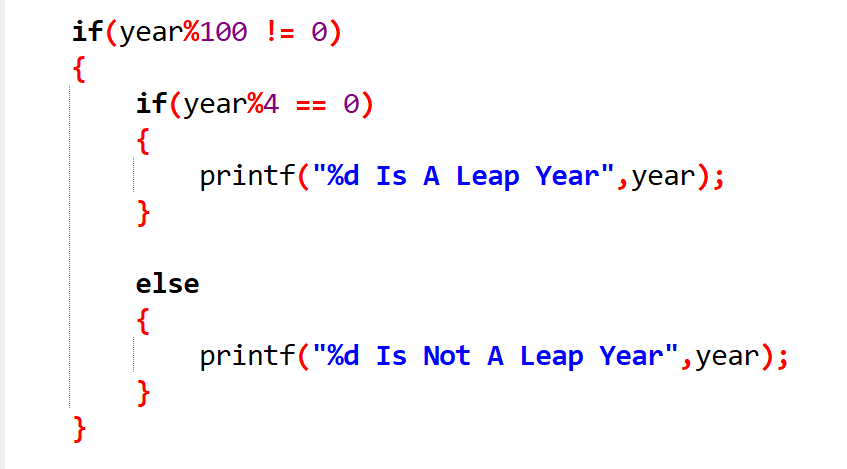
**[C] Attempt the following:-**

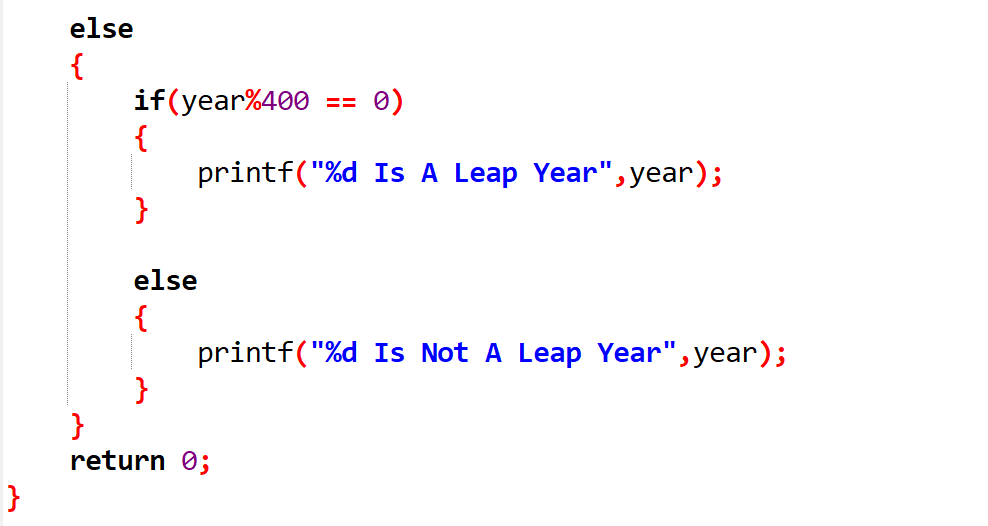
1. If cost price and selling price of an item are input through the keyboard, write a program to determine whether the seller has made profit or incurred loss. Also determine how much profit he made or loss he incurred.

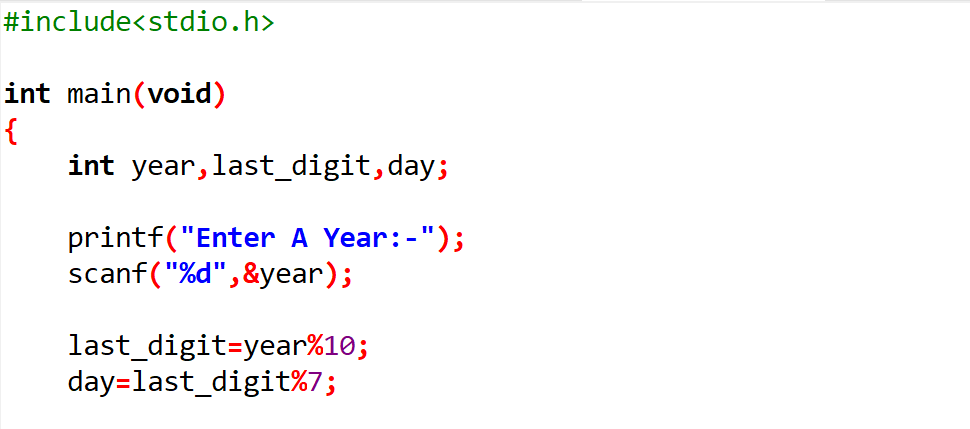
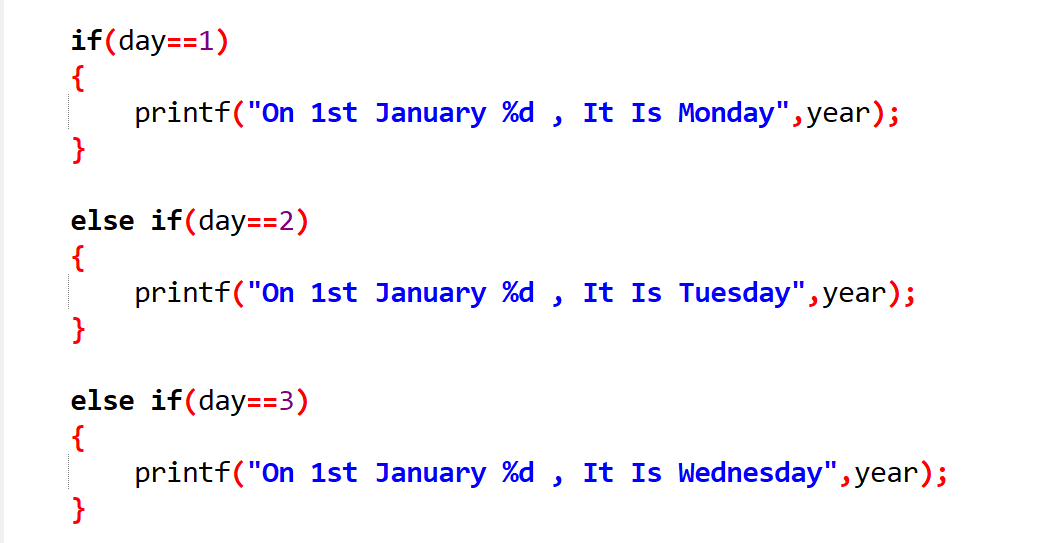
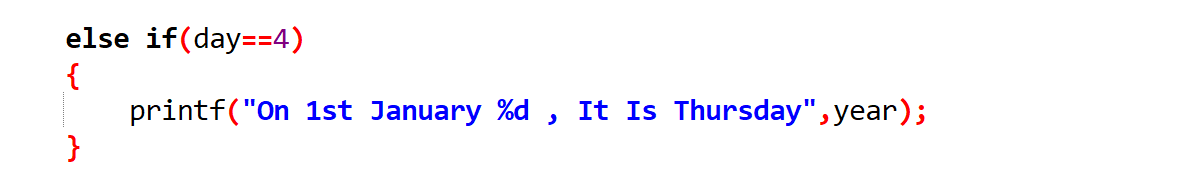
****

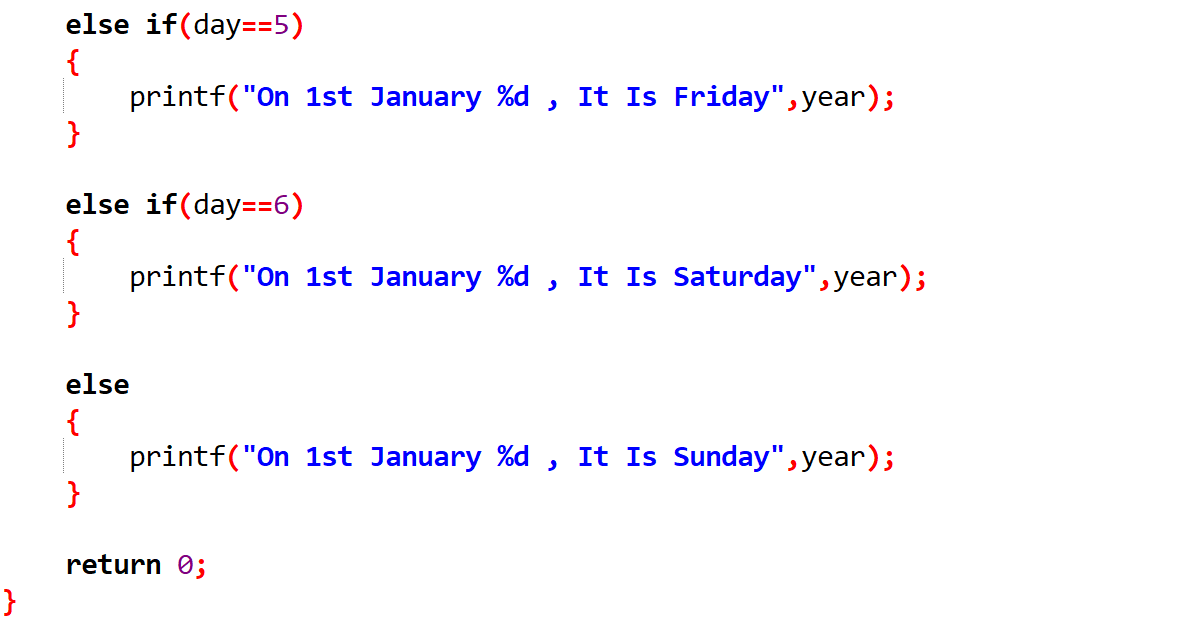
1. Any integer is input through the keyboard. Write a program to find out whether it is an odd number or even number.

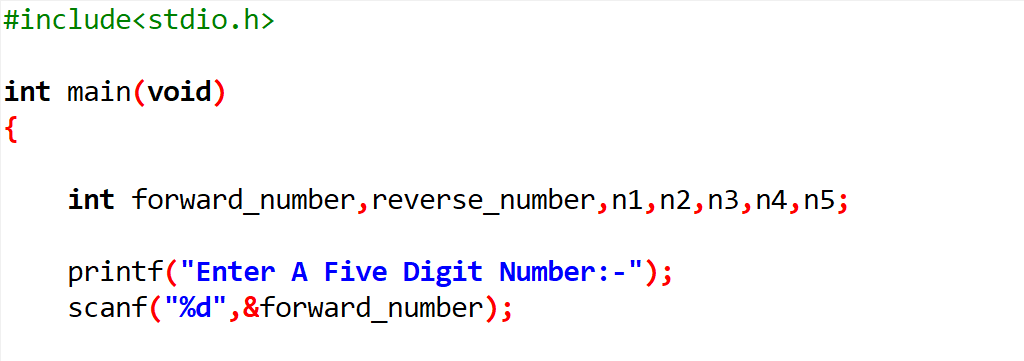
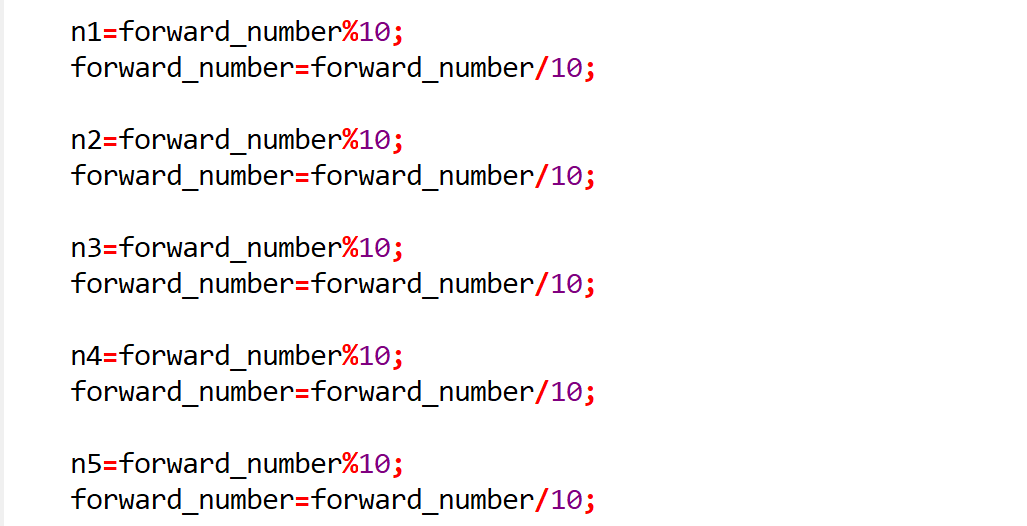
****

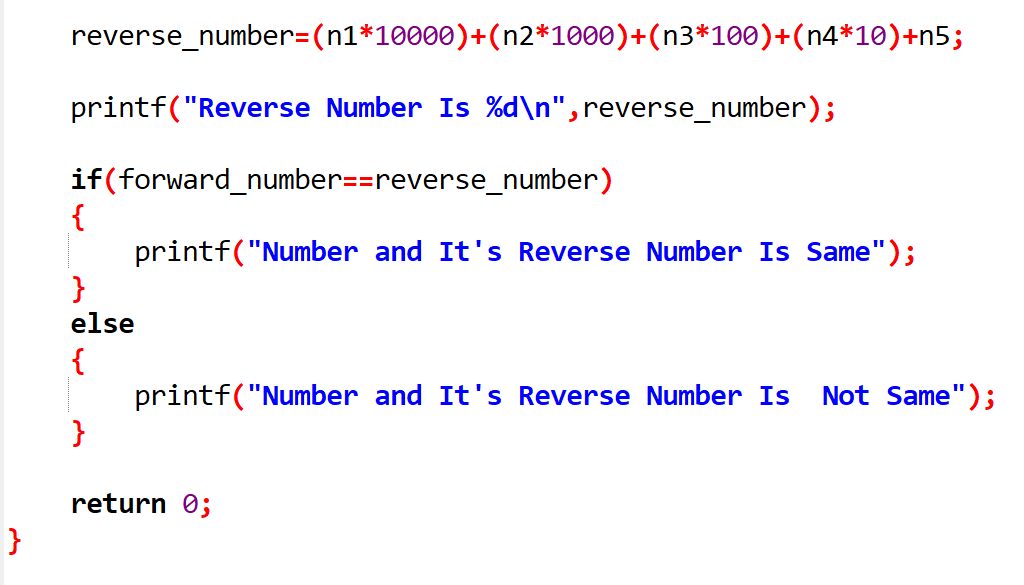
1. Any year is input through the keyboard. Write a program to deter mine whether the year is a leap year or not.

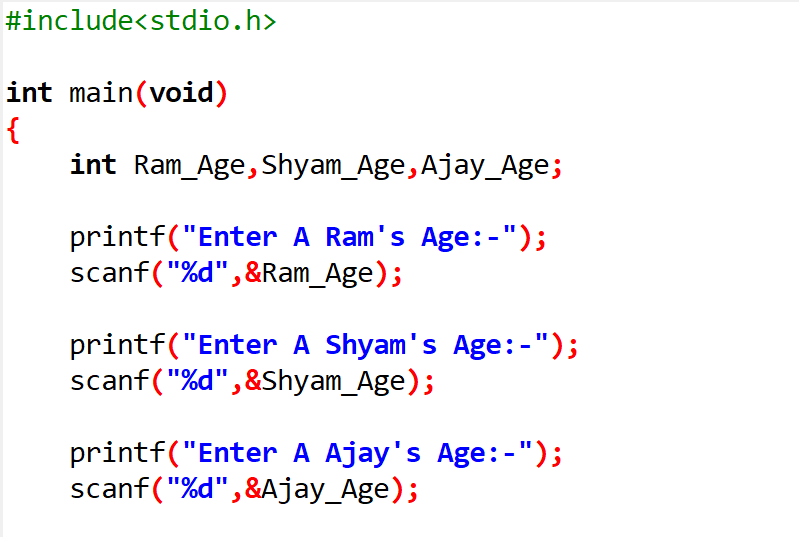
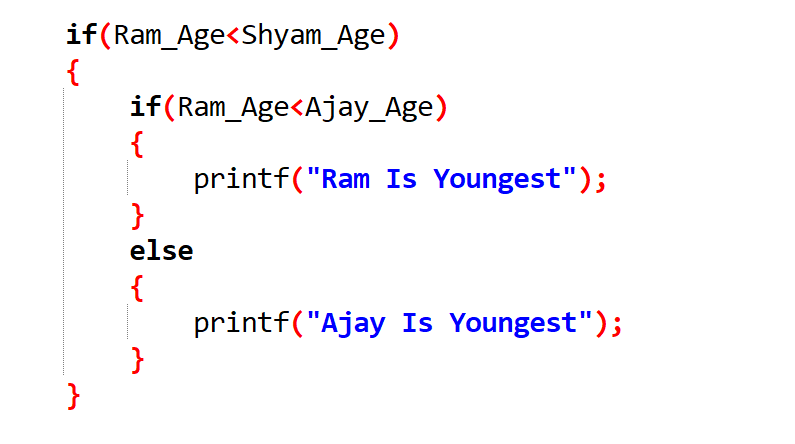


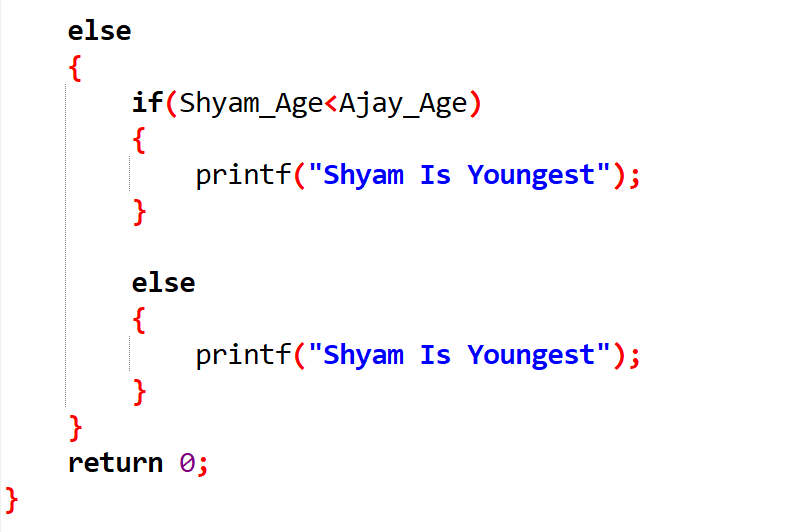
1. ****According to the Gregorian calendar, it was Monday on the date 01/01/01. If any year is input through the keyboard write a program to find out what is the day on 1st January of this year.

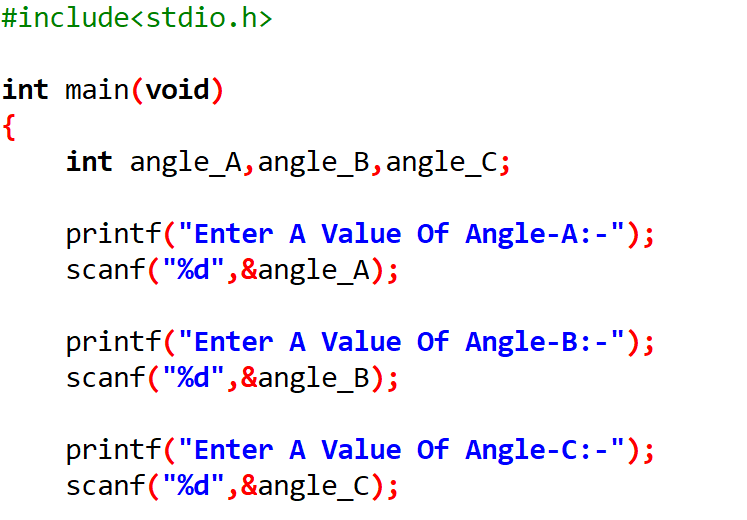
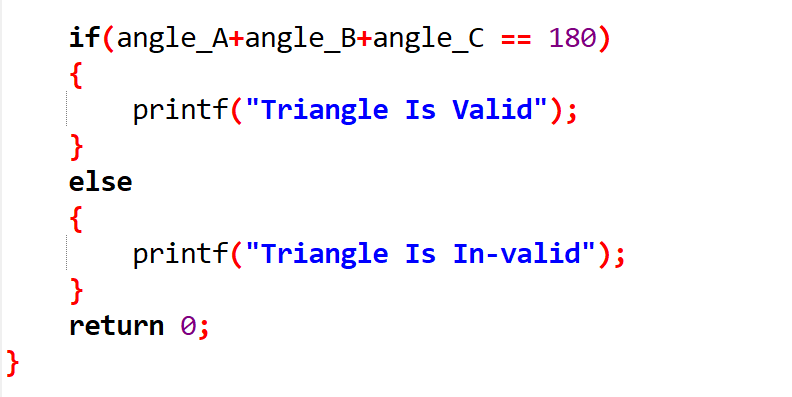
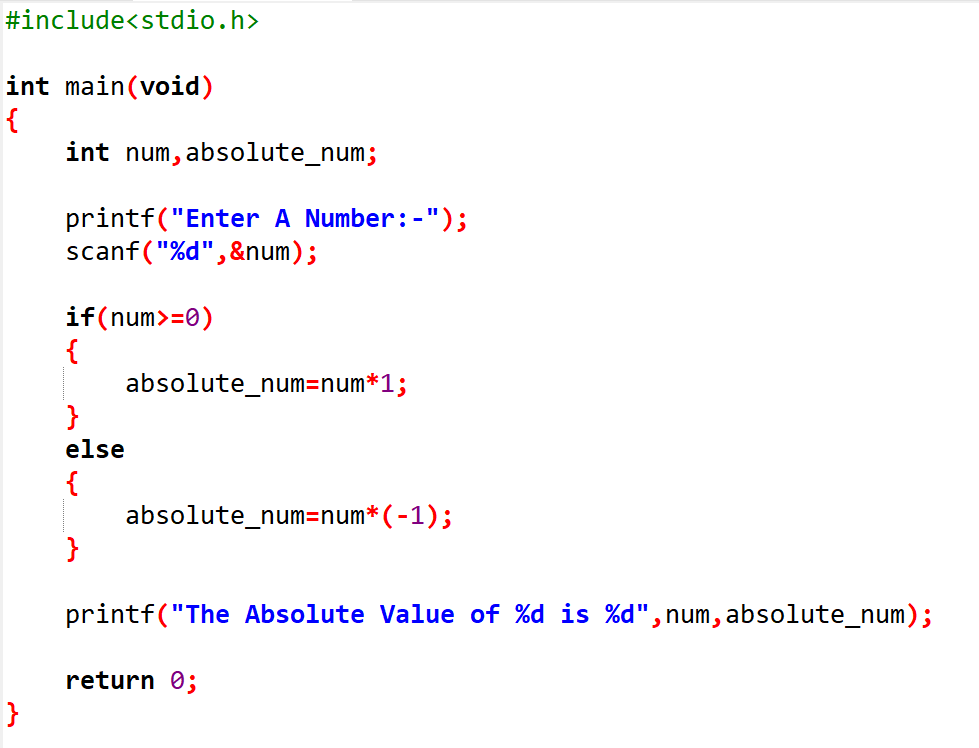
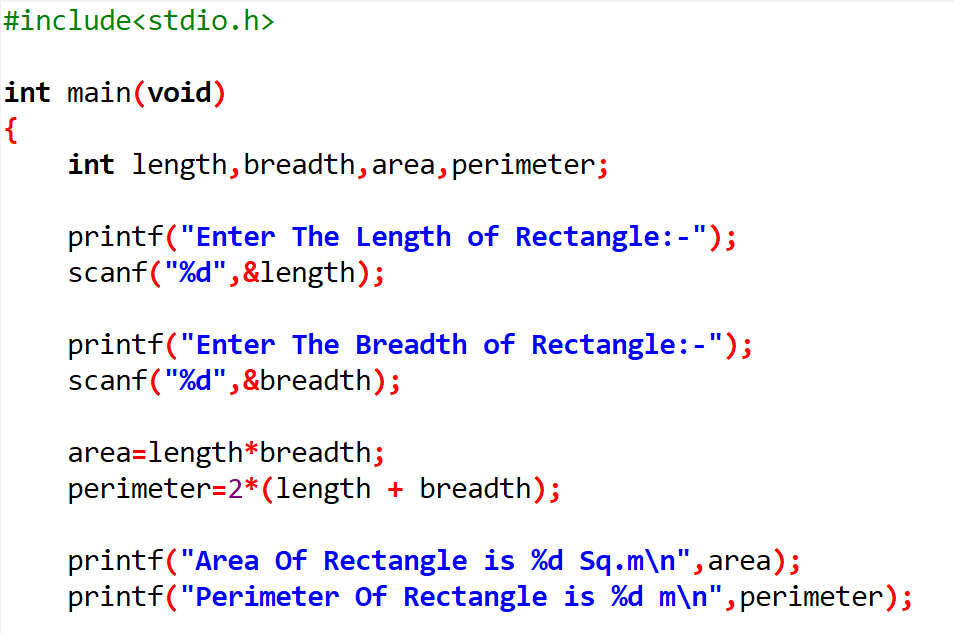
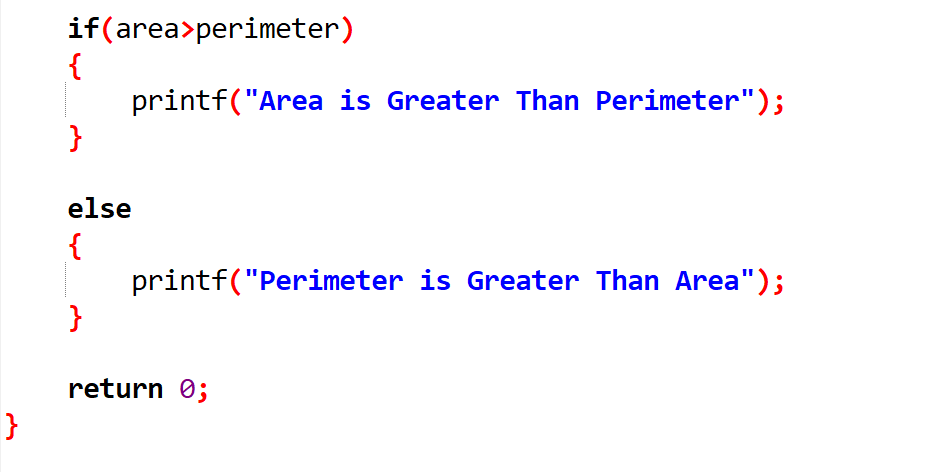
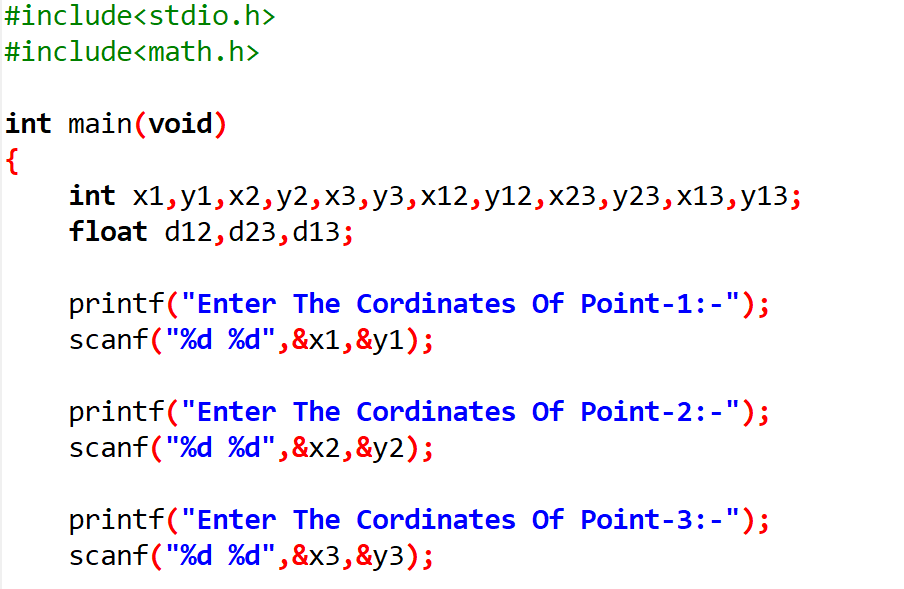
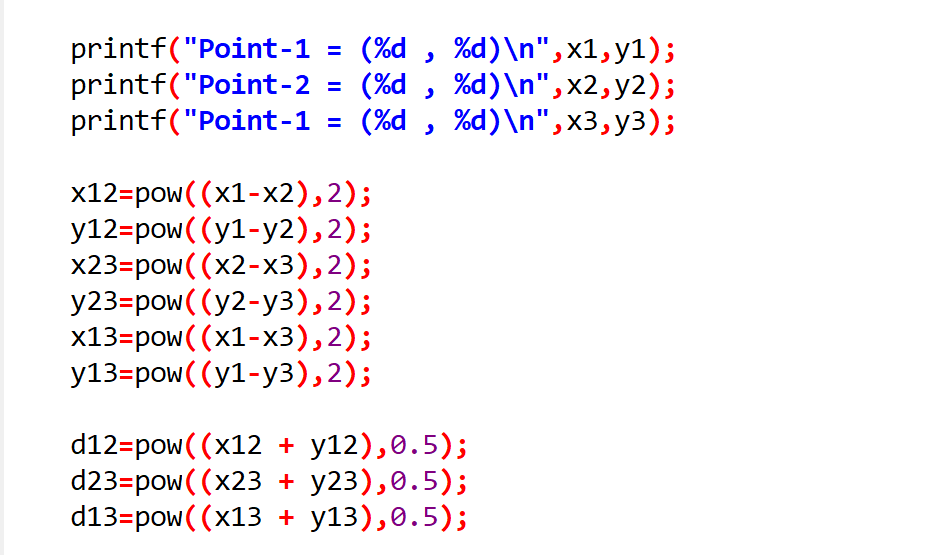
****

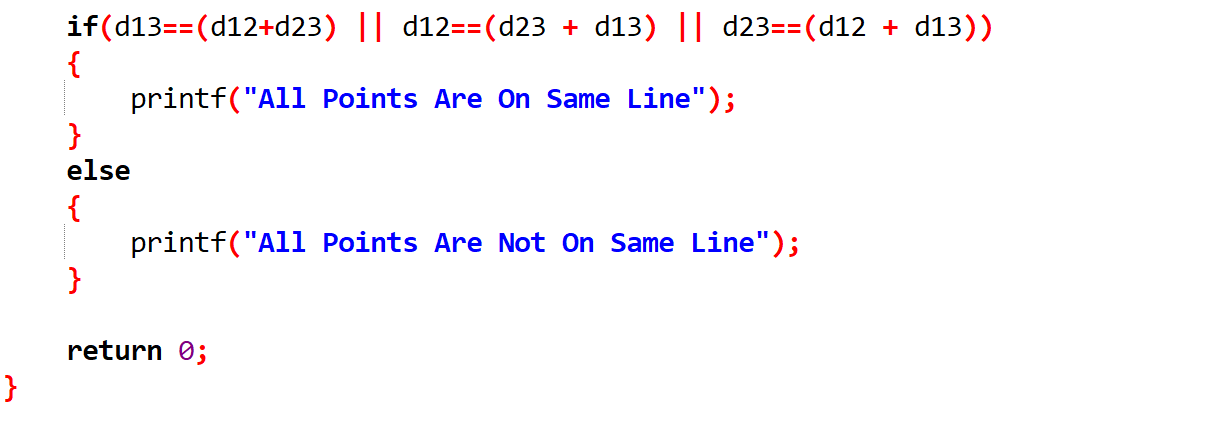
1. A five-digit number is entered through the keyboard. Write a program to obtain the reversed number and to determine whether the original and reversed number s are equal or not.

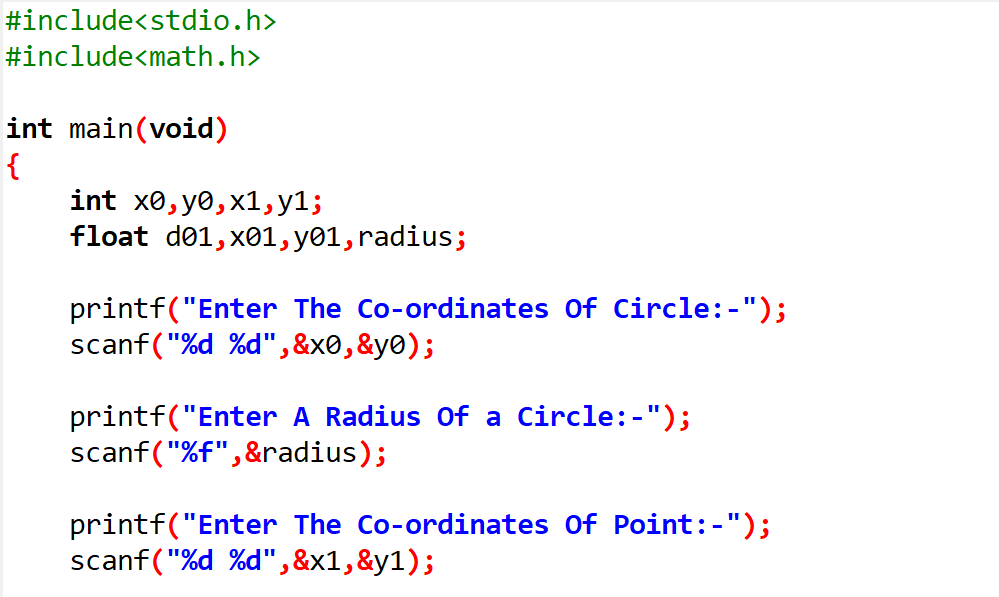
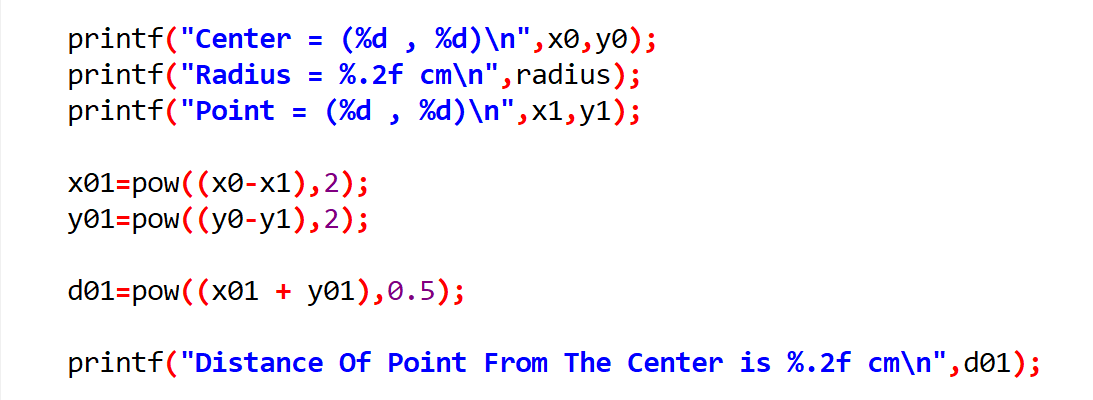


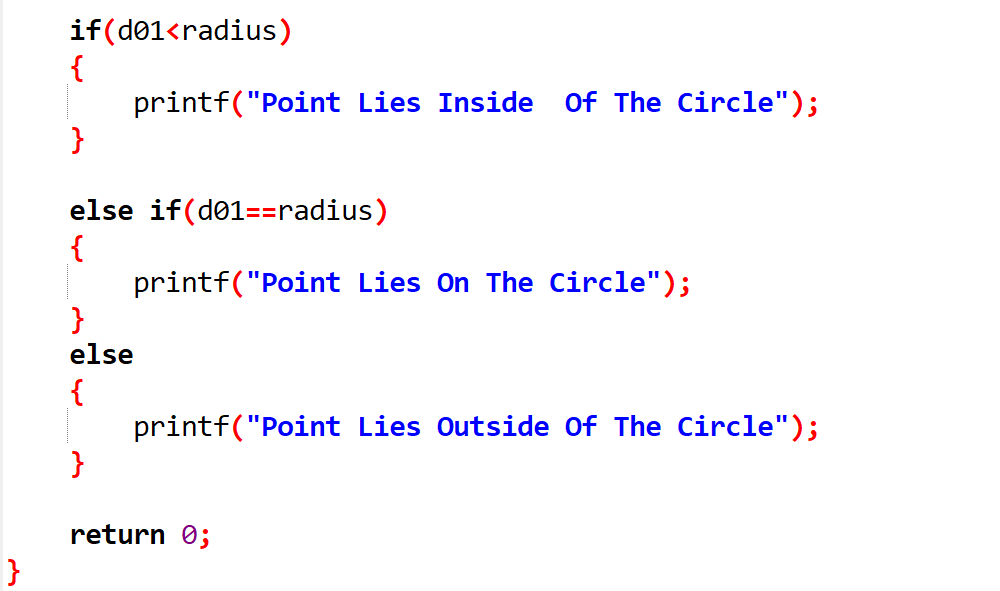
1. If the ages of Ram, Shyam and Ajay are input through the keyboard, write a program to determine the youngest of the three.

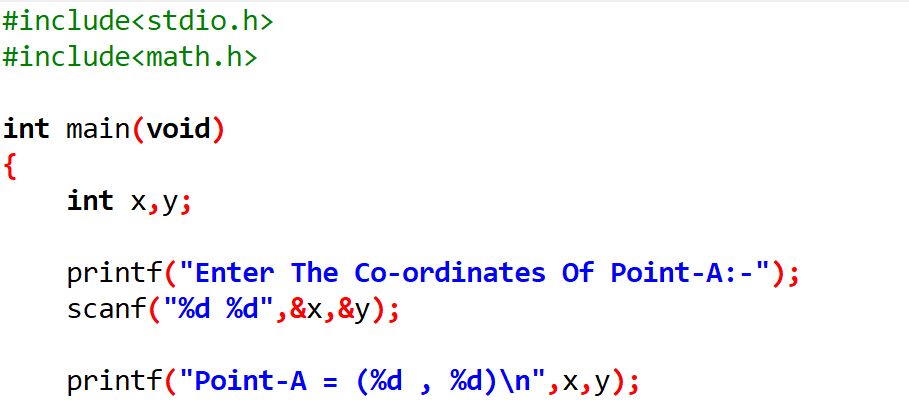
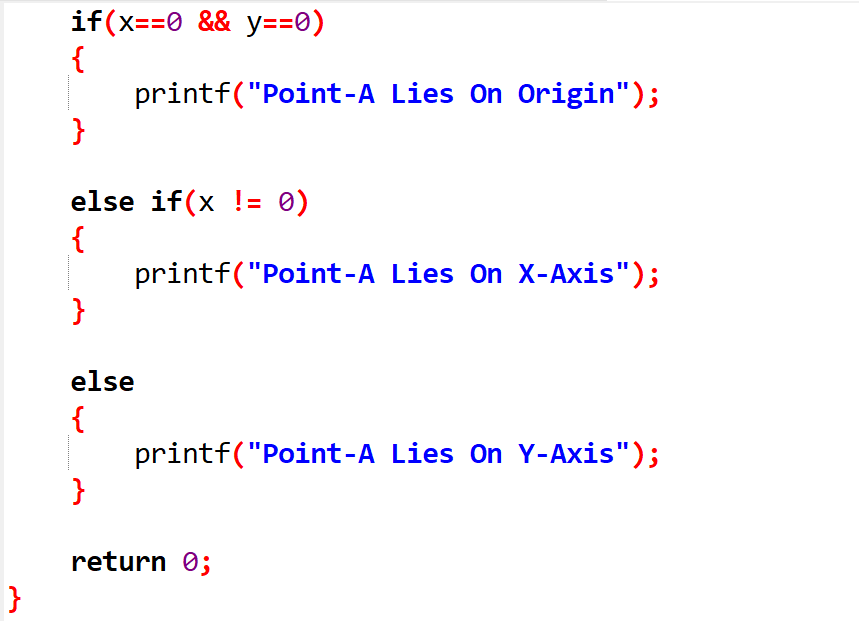


1. Write a program to check whether a triangle is valid or not, when the three angles of the triangle are entered through the keyboard. A triangle is valid if the sum of all the three angles is equal to 180 degrees.
2. Write a program to find the absolute value of a number entered through the keyboard.
3. Given the length and breadth of a rectangle, write a program to find whether the area of the rectangle is greater than its perimeter. For example, the area of the rectangle with length = 5 and breadth = 4 is greater than its perimeter.
4. Given three points (x1, y1), (x2, y2) and (x3, y3), write a program to check if all the three points fall on one straight line.



1. Given the coordinates (x, y) of center of a circle and its radius, write a program that will determine whether a point lies inside the circle, on the circle or outside the circle. (Hint: Use sqrt( ) and pow( ) functions)



1. Given a point (x, y), write a program to find out if it lies on the X-axis, Y-axis or on the origin.