1. Write a C program to input electricity unit charge and calculate the total electricity bill according to the given condition:

For first 50 units Rs. 0.50/unit

For next 100 units Rs. 0.75/unit

For next 100 units Rs. 1.20/unit

For unit above 250 Rs. 1.50/unit

An additional surcharge of 20% is added to the bill.

Write a C program to calculate electricity bill using if-else.

1. Write a C program that will take 4 pairs (x1,y1), (x2,y2), (x3,y3), (x4,y4) of integers as input. Each pair of the integers represents a point. The first pair of the points represent a line L1 passing through the points. Similarly the second pair of the points represent a line L2. Your program should output if the lines are same or parallel to each other or intersecting each other.
2. Write a C program that will take as input 5 integers x1, y1, x2, y2 and r. (x1, y1) is the coordinate of center of a circle with radius r. Your program should output if the point (x2, y2) is inside the circle, or if it is outside the circle or if the point is on the circle.