

# Jan 25 - CSE102

## Online 1 (C1/C2)

### Problem 1

You are given the center coordinates and radius of a circle. You are also given coordinates of another point. You have to output whether the point is inside the circle, on the circle or outside it.

Sample Input	Sample Output
0 0 5 2 3	Inside
2 5 4 -2 5	On
0 0 2 2 3	Outside

### Problem 2

Given a 4 digit number, you have to output whether the digits are in non-increasing, non-decreasing order or in no order (From most significant to least significant digit).

Sample Input	Sample Output
1378	Non-decreasing
5330	Non-increasing
1432	No order