

1. Write a C program which can input some 2D points and the number of points in each quadrant.

Sample Input

6

5 4

2 4

-2 -5

3 -5

10 8

4 5

Sample Output

First Quadrant: 4

Second Quadrant: 0

Third Quadrant: 1

Fourth Quadrant: 1

2. Write a C program which can input some students' marks and display what is highest marks.

Sample Input

5

35 32 27 39 29

Sample Output

39

3. Write a C program which can input some 2D points and display the point which is farthest from the origin

Sample Input

6

5 4

2 4

-2 -5

3 -5

10 8

4 5

Sample Output

10 8

4. Write a C program which can input some students' CGPA and display difference between highest and lowest CGPA.

Sample Input

5

3.5 3.2 2.7 2.9 3.9

Sample Output

1.2

5. Write a C program which can input two numbers from the user and display the biggest common divisor of those numbers.

12 18

Biggest Common Divisor is 6

6. Write a C program which can input two numbers from the user and display the lowest common multiple of those numbers.

12 18

Lowest Common Multiple of 12 and 18 is 36