

## **PROGRAMS BASED ON MULTITHREADING**

- 1.** Demonstrate multithreading by creating two threads, one for printing the odd numbers and the other for printing even numbers within a given range of your choice.
- 2.** Write a program to demonstrate the knowledge of students in multithreading. Eg., Three students A, B and C of B.Tech- II year contest for the PR election. With the total strength of 240 students in II year, simulate the vote casting by generating 240 random numbers (1 for student A, 2 for B and 3 for C) and store them in an array. Create four threads to equally share the task of counting the number of votes cast for all the three candidates. Use synchronized method or synchronized block to update the three count variables. The main thread should receive the final vote count for all three contestants and hence decide the PR based on the values received.