PROGRAMS BASED ON MULTITHREADING

1. Demonstrate multithreading by creating two threads, one for printing the odd numbers and the other for printing even numbers with in a given range of your choice.

2. Write an application that executes two threads. One thread displays —An "HELLO" every 1000 milliseconds and other displays —" WELCOME TO VIT" every 3000 milliseconds. Create the threads by extending the Thread class.

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.