OOP Lab: Experiment 9

Submitted By: Aryan Saxena

Batch: B1

SAP Id: 500082431

Roll No.: R214220274

**Exercise 1:** Write a program to implement the concept of threading by extending Thread Class and Runnable interface.

Code:

## Output:

**Exercise 2:** Write a program for generating 2 threads, one for printing even numbers and the otherfor printing odd numbers.

## Code:

## Output:

**Exercise 3:** Write a program to launch 10 threads. Each thread increments a counter variable. Run the program with synchronization.

## Code:

## Output:

**Exercise 4:** Write a Java program to create five threads with different priorities. Send two threads of the highest priority to sleep state. Check the aliveness of the threads and mark which thread is long lasting.

## Code:

## Output: