PRACTICAL 14:

Aim: Write a program that executes two threads: • One thread prints even numbers from 1 to 50 • Another thread prints odd numbers from 1 to 50.

CODE:

public class EvenOddThreads {

public static void main(String[] args) {

// Thread for printing even numbers

Thread evenThread = new Thread(() -> {

for (int i = 1; i <= 50; i++) {

if (i % 2 == 0) {

System.out.println("Even: " + i);

}

}

});

// Thread for printing odd numbers

Thread oddThread = new Thread(() -> {

for (int i = 1; i <= 50; i++) {

if (i % 2 != 0) {

System.out.println("Odd: " + i);

}

}

});

// Start both threads

evenThread.start();

oddThread.start();

// Wait for both threads to finish

try {

evenThread.join();

oddThread.join();

} catch (InterruptedException e) {

e.printStackTrace();

}

}

}

OUTPUT:

 