**10.Implement a Java program to demonstrate multithread concept.**

public class MultiThreadDemo {

public static void main(String[] args) {

// Create two thread objects

Thread thread1 = new NumberPrinter("Thread 1");

Thread thread2 = new NumberPrinter("Thread 2");

// Start the threads

thread1.start();

thread2.start();

}

}

class NumberPrinter extends Thread {

private String threadName;

public NumberPrinter(String name) {

threadName = name;

}

@Override

public void run() {

for (int i = 1; i <= 10; i++) {

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

// Add a delay to demonstrate multithreading

try {

Thread.sleep(1000);

} catch (InterruptedException e) {

e.printStackTrace();

}

}

}

}