

## LAB 10

```
import java.util.*;
import java.lang.*;
class OddSum implements Runnable {
    int sum = 0;
    String s;
    Thread t;
    OddSum(String s) {
        this.s = s;
        t = new Thread(this, s);
        System.out.println(s + " Thread created.");
        t.start();
    }
}
```

```
public void run() {
    for(int i=0; i < 100; i++) {
        if (i%2==0)
            sum += i;
    }
    System.out.println("Sum of all odd numbers: " + sum);
}
}
```

```
class SumEvenOddMT {
    public static void main(String[] args) {
        int s = 0;
        new Sum("Odd");
        Thread t1 = new Thread Thread.currentThread();
        System.out.println("Main Thread Active");
        for(int i=0; i < 100; i++) {
            if (i%2 == 0) {
                s += i;
            }
            System.out.println("Sum of all even numbers: " + s);
        }
    }
}
```