

Java OOT Practice Programmes

import java.util.*;

import java.lang.*;

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class Odd_Thread extends Thread {

int add_num_sum = 0;

Odd_Thread () {

super ("ODD Thread...");

System.out.println ("Child Thread: " + this);

start();

}

public void run () {

try {

int i;

for (i=1; i<100; i++) {

if (i%2 != 0) {

add_num_sum = add_num_sum + i;

Thread.sleep(0);

}

}

}

catch (InterruptedException e) {

System.out.println ("Child Interrupted");

}

System.out.println ("Sum of odd numbers from 1 to 100 is: " + add_num_sum);

}

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```
class OddEvenSumPractice {  
    public static void main (String args[]) {  
        int even_num_sum = 0;  
        new OddThread();  
        try {  
            int i;  
            for (i = 1; i <= 100; i++) {  
                if (i % 2 == 0) {  
                    even_num_sum = even_num_sum + i;  
                    Thread.sleep(0);  
                }  
            }  
        } catch (InterruptedException e) {  
            System.out.println("Main Thread Interrupted");  
        }  
        System.out.println("Sum of Even numbers from 1 to 100 = " + even_num_sum);  
    }  
}
```