```
File Edit Format View Help
class NewThread implements Runnable{
    Thread t;
    int sumeven=0, temp1;
    NewThread(){
        t = new Thread(this, "CHILD_1");
        t.start();
    }
    public void run(){
        try{
            for(int i=100;i>0;i--){
                if(i%2==0){
                    temp1= i;
                    sumeven = sumeven+i;
                    System.out.println(i+"th EVEN ADDITION :"+(sumeven));
                    Thread.sleep(1000);
                }
                else{
                    System.out.println(" ");
        }catch(InterruptedException ie){
            System.out.println("CHILD 1 WAS INTERRUPTED WHILE SLEEPING");
        System.out.println("CHILD 1 EXITED");
    }
}
public class Mainthread2{
    public static void main(String ss[]){
        NewThread n1 = new NewThread();
        int sumodd=0,temp;
        try{
            for(int i=100;i>0;i--){
                if(i%2 != 0){
                    temp=i;
                    sumodd= sumodd+temp;
                    System.out.println(i+"th ODD ADDITION :"+(sumodd));
                    Thread.sleep(1000);
                }
                else{
                    System.out.println(" ");
        }catch(InterruptedException e){
            System.out.println("MAIN THREAD WAS INTERRUPTED");
        System.out.println("MAIN THREAD EXITED");
```

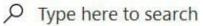


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Command Prompt
Microsoft Windows [Version 10.0.19041.630]
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C:\Users\anant>cd JAVA A
C:\Users\anant\JAVA A>javac Mainthread2.java
C:\Users\anant\JAVA A>java Mainthread2
100th EVEN ADDITION :100
99th ODD ADDITION:99
97th ODD ADDITION :196
98th EVEN ADDITION :198
96th EVEN ADDITION :294
95th ODD ADDITION :291
94th EVEN ADDITION :388
93th ODD ADDITION :384
92th EVEN ADDITION:480
91th ODD ADDITION :475
90th EVEN ADDITION :570
89th ODD ADDITION :564
87th ODD ADDITION :651
88th EVEN ADDITION :658
85th ODD ADDITION :736
86th EVEN ADDITION :744
83th ODD ADDITION :819
84th EVEN ADDITION :828
81th ODD ADDITION :900
82th EVEN ADDITION :910
79th ODD ADDITION :979
```

80th EVEN ADDITION :990

79th ODD ADDITION:979 80th EVEN ADDITION :990

77th ODD ADDITION :1056

78th EVEN ADDITION :1068

75th ODD ADDITION :1131 76th EVEN ADDITION :1144

73th ODD ADDITION :1204 74th EVEN ADDITION :1218

71th ODD ADDITION :1275 72th EVEN ADDITION :1290

69th ODD ADDITION :1344 70th EVEN ADDITION :1360

67th ODD ADDITION :1411 68th EVEN ADDITION :1428

66th EVEN ADDITION :1494 65th ODD ADDITION :1476

64th EVEN ADDITION :1558

63th ODD ADDITION :1539

61th ODD ADDITION :1600 62th EVEN ADDITION :1620

59th ODD ADDITION :1659 60th EVEN ADDITION :1680

57th ODD ADDITION :1716

58th EVEN ADDITION :1738

24th EVEN ADDITION :2418 23th ODD ADDITION :2379 22th EVEN ADDITION :2440 21th ODD ADDITION :2400 19th ODD ADDITION :2419 20th EVEN ADDITION :2460 17th ODD ADDITION :2436 18th EVEN ADDITION :2478 15th ODD ADDITION :2451 16th EVEN ADDITION :2494 13th ODD ADDITION :2464 14th EVEN ADDITION :2508 12th EVEN ADDITION :2520 11th ODD ADDITION :2475 10th EVEN ADDITION :2530 9th ODD ADDITION :2484

8th EVEN ADDITION :2538 7th ODD ADDITION :2491

6th EVEN ADDITION :2544 5th ODD ADDITION :2496

4th EVEN ADDITION :2548 3th ODD ADDITION :2499

1th ODD ADDITION :2500 2th EVEN ADDITION :2550

MAIN THREAD EXITED CHILD 1 EXITED



## Command Prompt

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C:\Users\anant>cd JAVA A

C:\Users\anant\JAVA A>javac Mainthread3.java

C:\Users\anant\JAVA A>java Mainthread3

SQUARE OF: 2:4 SQUARE OF: 4:16

CUBE OF: 5 :125

SQUARE OF: 4:16

CUBE OF: 3:27

CUBE OF: 1 :1

SQUARE OF: 0 :0

SQUARE OF: 6:36

SQUARE OF: 6:36

SQUARE OF: 8:64

C:\Users\anant\JAVA A>