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Extra Program- Week 11

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Extra Program 1  $\Rightarrow$

```
import java.util.*;
class Thread_odd extends Thread {
    int o_sum = 0;
    Thread_odd() {
        super("oddthread");
        System.out.println("the child thread : " + this);
        start();
    }
    public void run() {
        try {
            for (int i = 1; i <= 100; i++) {
                if (i % 2 != 0) {
                    o_sum = o_sum + i;
                    Thread.sleep(50);
                }
            }
        } catch (InterruptedException e) {
            System.out.println("Sum of Odd Numbers between 1 to 100 : " + o_sum);
        }
    }
}

class Sum_extra {
    public static void main (String args[]) {
        int e_sum = 0;
        new Thread_odd();
        try {
```

```
for (int i = 1; i <= 100; i++) {  
    if (i % 2 == 0) {
```

```
        e_sum = e_sum + i;  
        Thread.sleep(200);
```

```
    }  
}
```

```
catch (InterruptedException e) {
```

```
    System.out.println("main thread interrupted");
```

```
}  
System.out.println("Sum of Even Numbers between 1/100:"  
    + e_sum);
```