

Write a program to create a thread and find the sum of odd numbers from 1 to 100 in this thread. Find the sum of even numbers for the same range in the main thread.

```
class newthread extends Thread {
```

```
    int sumodd = 0;
```

```
    int i = 1;
```

```
    public void run() {
```

```
        try {
```

```
            Thread.sleep(2000);
```

```
            while (i <= 100) {
```

```
                if (i % 2 == 0) {
```

```
                    //
```

```
                } else
```

```
                {
```

```
                    sumodd = sumodd + i;
```

```
                }
```

```
                i++;
```

```
            }
```

```
            System.out.println("Sum of odd numbers b/w  
1 and 100 → " + sumodd);
```

```
        }
```

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

```
        System.out.println("InterruptedException" + e);
```

```
    }
```

```
}
```

```
}
```

```
class main {  
    public static void main (String args[]) {  
        new Thread t1 = new Thread();  
        t1.start();  
        int sumEven = 0;  
        int i = 1;  
        try {  
            Thread.sleep(2000);  
            while (i <= 100) {  
                if (i % 2 == 0) {  
                    sumEven = sumEven + i;  
                }  
                else {  
                    i++;  
                }  
            }  
            System.out.println("Sum of even numbers b/w  
1 and 100 → " + sumEven);  
        } catch (InterruptedException e) {  
            System.out.println("InterruptedException" + e);  
        }  
    }  
}
```