

## Practice Week 9

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18M19CS200

```
import java.util.*;  
import java.lang.*;
```

```
class OddThread extends Thread {  
    int odd_sum = 0;  
    OddThread() {  
        super("ODD Threads");  
        System.out.println("This is child Thread: " + this);  
        start();  
    }  
    public void run() {  
        try {  
            for (int i = 1; i <= 100; i++)  
            {  
                if (i % 2 != 0) {  
                    odd_sum = odd_sum + i;  
                    Thread.sleep(100);  
                }  
            }  
            catch (InterruptedException e) {  
                System.out.println("Child has been  
                Interrupted");  
            }  
            System.out.println("Sum of odd numbers  
            from 1 to 100: " + odd_sum);  
        }  
    }  
}
```

```
class ThreadPractice1 {  
    public static void main (String args[]) {  
        int even_sum = 0;  
        new OddThread();  
        try {  
            for (int i = 1; i <= 100; i++)  
            {  
                if (i % 2 == 0) {  
                    even_sum = even_sum + i;  
                }  
            }  
        }  
    }  
}
```



```

Thread.sleep(200);
}
} catch (InterruptedException e) {
    System.out.println("Main Thread Been Interrupted");
}
}

```

```

System.out.println("Sum of Even number from 1 to 100: " + evenSum);
}
}

```