

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

```
class OddThread extends Thread
{
```

```
    int odd_sum = 0;
```

```
    OddThread ()
```

```
    {
```

```
        super ("odd Thread");
```

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

```
        start ();
```

```
    }
```

```
    public void run ()
```

```
    {
```

```
        try
```

```
        {
```

```
            int
            for (i = 1; i <= 100; i++)
```

```
            {
```

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

```
                    odd_sum = odd_sum + i;
```

```
                    Thread.sleep (100);
```

```
            }
```

```
        }
```

```
    }
```

```
    catch (InterruptedException e)
```

```
    {
```

```
        System.out.println ("child interrupted");
```

```
    }
```

```
    System.out.println ("odd number sum from  
1 to 100 : " + odd_sum);
```

```
    }
```

```
}
```

```
class ThreadExample2
```

```
{
```

```
    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 from from + i;
```

```
                    Thread.sleep(200);
```

```
                }
```

```
            }
```

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

```
        {
```

```
        }
```

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

```
    }
```

```
        System.out.println("Even Number sum  
from 1 to 100 :"
```

```
            + even-sum);
```

```
    }
```

```
}
```