

# JAVA.UTIL.TIMER.SCHEDULE METHOD

## Description

The **scheduleTimerTask**, **longdelay** method is used to schedule the specified task for execution after the specified delay.

## Declaration

Following is the declaration for **java.util.Timer.schedule** method.

```
public void schedule(TimerTask task, long delay)
```

## Parameters

- **task** -- This is the task to be scheduled.
- **delay** -- This is the delay in milliseconds before task is to be executed.

## Return Value

- NA

## Exception

- **IllegalArgumentException** -- This exception is thrown if time.getTime is negative.
- **IllegalStateException** -- This is thrown if task was already scheduled or cancelled, timer was cancelled, or timer thread terminated.

## Example

The following example shows the usage of `java.util.Timer.schedule`

```
package com.tutorialspoint;

import java.util.*;

public class TimerDemo {
    public static void main(String[] args) {
        // creating timer task, timer
        TimerTask tasknew = new TimerScheduleDelay();
        Timer timer = new Timer();

        // scheduling the task at interval
        timer.schedule(tasknew, 100);
    }
    // this method performs the task
    public void run() {
        System.out.println("timer working");
    }
}
```

Let us compile and run the above program, this will produce the following result.

```
timer working
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```