## **Problem Statement**

1. Write a simple Timer that can periodically print a timeout message.

```
// Program to print Timeout 10 times with an interval of 1 sec
import java.util.Timer;
import java.util.TimerTask;
public class Timeout {
 public static void main(String[] args) throws InterruptedException {
  Timer timer = new Timer("cancel Timer");
  TimerTask task = new TimerTask() {
  public void run() {
  System.out.println("Time Out");
  }
 };
  long delay = 0;
  long intevalPeriod = 1 * 1000;
  // schedules the task to be run in an interval
  timer.scheduleAtFixedRate(task, delay, intevalPeriod);
  Thread.sleep(1000 * 10);
  task.cancel();
  timer.cancel();
  }// end of main
}
```

## Command Prompt

```
C:\My Programs\Assignments\Session5>javac Timeout.java

C:\My Programs\Assignments\Session5>java Timeout

Time Out

Time Out
```