## TAMOJIT DAS A/7/C1 ASSIGNMENT 12

```
Q1.
LoudHailer.java
import java.util.logging.Level;
import java.util.logging.Logger;
/*
* To change this license header, choose License Headers in Project Properties.
* To change this template file, choose Tools | Templates
* and open the template in the editor.
*/
* @author TAMOJIT
*/
public class LoudHailer extends Thread{
  String txt;
  public LoudHailer(String txt) {
    this.txt=txt;
  }
  @Override
  public void run() {
```

```
while (true){
      System.out.println(txt);
      try {
        Thread.sleep(1000);
      } catch (InterruptedException ex) {
        Logger.getLogger(LoudHailer.class.getName()).log(Level.SEVERE, null, ex);
      }
    }
  }
}
* To change this license header, choose License Headers in Project Properties.
* To change this template file, choose Tools | Templates
* and open the template in the editor.
*/
* @author TAMOJIT
*/
public class Q1 {
  public static void main(String[] args) {
    LoudHailer T1=new LoudHailer("Good");
    LoudHailer T2=new LoudHailer("Morning");
    LoudHailer T3=new LoudHailer("Kolkata");
```

```
T1.start();
    T2.start();
    T3.start();
    T3.setPriority(5);
  }
}
Q2.
import java.util.logging.Level;
import java.util.logging.Logger;
/*
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* To change this template file, choose Tools | Templates
* and open the template in the editor.
*/
* @author TAMOJIT
*/
class Display {
  public void display(String txt){
    while (true){
```

```
System.out.println(txt);
      try {
         Thread.sleep(1000);
       } catch (InterruptedException ex) {
         Logger.getLogger(LoudHailer.class.getName()).log(Level.SEVERE, null, ex);
      }
    }
  }
}
class synhailer extends Thread{
  String txt;
  Display D;
  public synhailer(String txt, Display D) {
    this.txt = txt;
    this.D = D;
  }
  @Override
  public void run() {
    synchronized(D){
       D.display(this.txt);
    }
  }
}
```

```
public class Q2 {
   public static void main(String[] args) {
       synhailer T1=new synhailer("Good", new Display());
       synhailer T2=new synhailer("Morning", new Display());
       synhailer T3=new synhailer("Kolkata", new Display());
       T1.start();
       T2.start();
       T3.start();
   }
Assignment_12 - Apache NetBeans IDE 12.0
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   Assignment_12
Source Padkages
default package>
                               42
43
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48
                                                  D.display(this.txt);
          LoudHailer.java
Q1.java
Q2.java
   Test Packages

Libraries

Test Libraries
 Couput Assignment 12 (run-single)

ant -f "C:\\Users\\TAMOJIT\\Desktop\\OOP Lab\\Assignment 12" -Dnb.internal.action.name=run.single -Djavac.includes=Q2.java -Drun.class=Q2 run-single
      Deleting: C:\Users\TAMOJIT\Desktop\OOP Lab\Assignment 12\build\built-jar.properties
     deps=jas:
Updating property file: C:\Users\TAMOJIT\Desktop\OOP Lab\Assignment_l2\build\built-jar.properties
Compiling 1 source file to C:\Users\TAMOJIT\Desktop\OOP Lab\Assignment_l2\build\classes
compile-single:
run-single:
Good
Morning
Kolkata
Morning
      Good
Kolkata
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Morning
Good
Kolkata
Kolkata
Morning
Good

☐ ③ Notifications ☐ Output

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