**TAMOJIT DAS A/7/C1**

**ASSIGNMENT 12**

Q1.

LoudHailer.java

import java.util.logging.Level;

import java.util.logging.Logger;

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\* @author TAMOJIT

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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);

}

}

}

}

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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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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();

}

}

