Name : Nilesh Pandit

Roll No: A-22

Expt no. 14

/\* Program on Multithreading

Create 3 Threads having names FirstThread,SecondThread,ThirdThread,

and priority 1,5,10.FirstThread displays all months,SecondThread

displays allDays ,ThirdThread displays years between 2001 to 2017.

Use functions sleep() and yeild(); \*/

import java.util.\*;

class Thread1 extends Thread

{

public void run()

{

try

{

System.out.println("jan");

sleep(100);

System.out.println("feb");

sleep(100);

System.out.println("march");

sleep(100);

System.out.println("april");

sleep(100);

System.out.println("may");

sleep(100);

System.out.println("june");

sleep(100);

System.out.println("july");

sleep(100);

System.out.println("agust");

sleep(100);

System.out.println("sep");

sleep(100);

System.out.println("oct");

sleep(100);

System.out.println("nov");

sleep(100);

System.out.println("dec");

sleep(100);

}

catch(Exception e)

{

System.out.println(e);

}

}

}

class Thread2 extends Thread

{

public void run()

{

try

{

System.out.println("monday");

sleep(100);

System.out.println("tuesday");

sleep(100);

System.out.println("wednesday");

sleep(100);

System.out.println("thursday");

sleep(100);

System.out.println("friday");

sleep(100);

System.out.println("saterday");

sleep(100);

System.out.println("sunday");

sleep(100);

}

catch(Exception e)

{

System.out.println(e);

}

}

}

class Thread3 extends Thread

{

int i,j;

public void run()

{

try

{

for(i=1;i<=9;i++)

System.out.println("200"+i);

sleep(100);

for(j=10;j<=17;j++)

System.out.println("20"+j);

sleep(100);

}

catch(Exception e)

{

System.out.println(e);

}

}

}

class ThreadDemo

{

public static void main(String args[])

{

Thread1 t1=new Thread1();

Thread2 t2=new Thread2();

Thread3 t3=new Thread3();

t1.setPriority(1);

t2.setPriority(5);

t3.setPriority(10);

t1.start();

t2.start();

t3.start();

}

}

/\* OUTPUT

C:\Document And Setting>javac ThreadDemo.java

C:\Doument And Setting>java ThreadDemo

2001

jan

monday

2002

2003

2004

2005

2006

2007

2008

2009

2010

feb

tuesday

2011

2012

2013

2014

2015

2016

2017

wednesday

march

thursday

april

friday

may

saterday

june

sunday

july

agust

sep

oct

nov

dec

\*/