pratical 21,21

**1.**

class Thread1 extends Thread

{

public void run()

{

int i;

for(i=0;i<=3;i++)

{

System.out.println("thread1="+i);

}

System.out.println("end of thread 1");

}

}

class Thread2 extends Thread

{

public void run()

{

int j;

for(j=3;j<=6;j++)

{

System.out.println("thread 2="+j);

}

System.out.println("end of thread 2");

}

}

class Thread3 extends Thread{

public void run()

{

int k;

for(k=6;k<=9;k++)

{

System.out.println("thread 3="+k);

}

System.out.printn("end of thread 3");

}

}

class MultipleThreadEx

{

public static void main(String[] args)

{

Thread1 t= new Thread1();

Thread2 tt=new Thread2();

Thread3 ttt= new Thread3();

t.setPriority(Thread.NORM\_PRIORITY);

tt.setPriority(Thread.MAX\_PRIORITY);

ttt.setPriority(Thread.MIN\_PRIORITY);

System.out.println("Start thread 1=");

t.start();

System.out.println("Start thread 2=");

tt.start();

System.out.println("Start thread 3=");

ttt.start();

}

}

**2.**

class t1 extends Thread

{

public void run()

{

System.out.println("This is Thread1 class");

}

class t2 extends Thread {

public void run()

{

System.out.println("This is thread2 class");

}

}

class ThreaP extends Thread

{

public static void main(String[] args)

{

t1 t=new T1();

t2 tt=new T2();

t.setPriority(Thread.MIN\_PRIORITY);

tt.setPriority(Thread.MIN\_PRIORITY);

t1.run();

t2.run();

}

}

**3.**

class Thread1 extends Thread

{

public void run()

{

int i;

for(i=0;i<=3;i++)

{

System.out.println("thread1="+i);

}

System.out.println("end of thread 1");

}

}

class Thread2 extends Thread

{

public void run()

{

int j;

for(j=3;j<=6;j++)

{

System.out.println("thread 2="+j);

}

System.out.println("end of thread 2");

}

}

class Thread3 extends Thread{

public void run()

{

int k;

for(k=6;k<=9;k++)

{

System.out.println("thread 3="+k);

}

System.out.println("end of thread 3");

}

}

class Ex1

{

public static void main(String[] args)

{

Thread1 t= new Thread1();

Thread2 tt=new Thread2();

Thread3 ttt= new Thread3();

t.setPriority(Thread.NORM\_PRIORITY);

tt.setPriority(Thread.MAX\_PRIORITY);

ttt.setPriority(Thread.MIN\_PRIORITY);

System.out.println("Start thread 1=");

t.start();

System.out.println("Start thread 2=");

tt.start();

System.out.println("Start thread 3=");

ttt.start();

}

}

practical 23,24,25

**1.**class excep{

public static void main(String[] args)

{

try

{

int n=Integer.parseInt(args[0]);

int n1=Integer.parseInt(args[1]);

int n2=n+n1;

System.out.println("Sum is :"+n2);

}

catch(NumberFormatException ex)

{

System.out.println(ex);

}

finally

{

System.out.println("You inputted a correct integer number");

}

}

}

**2.** import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

class AuthenticationException extends Exception {

public AuthenticationException(String message) {

super(message);

}

}

public class AuthenticationExcDemo {

public static void main(String[] args) {

InputStreamReader isr = new InputStreamReader(System.in);

BufferedReader br = new BufferedReader(isr);

String pwd;

try {

System.out.print("Enter password :: ");

pwd = br.readLine();

if(!pwd.equals("123"))

throw new AuthenticationException("Incorrect password\nType correct password");

else

System.out.println("Welcome User !!!");

}

catch (IOException e) {

e.printStackTrace();

}

catch (AuthenticationException a) {

a.printStackTrace();

}

System.out.println("BYE BYE");

}

}

pratical 26,27

**1.** class NoMatchException extends Exception {

public NoMatchException(String message){

super(message);

}

}

class IndiaAssertComparer {

private String s;

IndiaAssertComparer(String s) throws NoMatchException {

this.s = s;

if (s.equals("India")) {

System.out.print("Matched!\n");

} else {

throw new NoMatchException("Not Matched!\n");

}

}

}

class Nomatch {

public static void main(String[] a) throws NoMatchException {

IndiaAssertComparer v = new IndiaAssertComparer("America");

}

}

**2.**

class tst

{

public static void main(String[] args)throws InterruptedException

{

Thread.sleep(1000);

System.out.println("Hello Java");

}

}

**Applet**

**import java.awt.\*;**

**import java.applet.\*;**

**/\*<applet code="AppletEx1" width=500 height=500></applet>\*/**

**public class AppletEx1 extends Applet**

**{**

**public void paint(Graphics g)**

**{**

**g.drawString("Welcome to the World of Applet",100,100);**

**}**

**}**