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18M19CS028

OODS Lab Test -1

CIA

→ Write a Program to create two userdefined threads from the main thread.

The first child thread is named 'first child' and the second is named 'Second child'. Both the threads print their names with every character printed in a new line and sleeps for 500ms after printing every character. See to that the name of one child is printed completely and the second starts its printing.

Code:-

Class New Thread implements Runnable.

{

Private String name;

Private int interval

Private Thread t;

New Thread (String threadname, int interval).

{

this.name = threadname.

~~Private~~

this.interval = interval.

t = new Thread (this, name);

t.start();

}

Public void run().

P.T.O → ①

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{

int i = 1, n = 5

try {

while (i <= n) {

System.out.println (" Thread : " + this.name);

i++;

Thread.sleep (this.interval);

}

}

catch (InterruptedException e) {

System.out.println (name + "interrupted");

}

{

}

Class Main

{

public static void main (String args [])

{

new NewThread ("First child", 500);

new NewThread ("Second child", 500);

}

}

```

        System.out.printf ("%.2f", marks[i]);
    }

    System.out.printf ("\n credits ");
    for (int i=0; i<n; i++)
    {
        System.out.printf ("%d\t", credits[i]);
    }
}
}
}

```

```

class Lab2Student

```

```

{
    public static void main (String[] args)
    {
        double sgpa=0;
        Student s1=new Student();
        s1.getInfo();
        s1.details();
        sgpa=s1.calculation();
        System.out.printf ("In The SGPA of the\n student is : %.2f /10.00", sgpa);
    }
}

```