

LAB PROGRAM-9

Write a program which creates two threads, one thread displaying “BMS College of Engineering” once every ten seconds and another displaying “CSE” once every two seconds

Program:

```
import java.util.*;  
import java.lang.String;  
import java.awt.*;  
import java.awt.event.*;  
class Newthread implements Runnable  
{  
  String name;  
  Thread t;  
  int n;  
  Newthread(String threadname,int x)  
  {  
    name= threadname;  
    n=x;  
    t=new Thread(this.name);  
    System.out.println("New thread:"+t);  
    t.start();  
  }  
  public void run()  
  {  
    try  
    {  
      for(int i=5;i>0;i--)  
      {  
        System.out.println(name);  
        Thread.sleep(n);  
      }  
    }  
    catch(InterruptedException e)  
    {  
      System.out.println("Interrupted");  
    }  
    System.out.println(name+"exiting");  
  }  
}  
class Multithreaddemo  
{
```

```
public static void main(String args[])  
{  
    Newthread t1=new Newthread("BMS COLLEGE OF  
ENGINEERING",10000);  
    Newthread t2=new Newthread("CSE",2000);  
    System.out.println("Main Thread Exiting");  
}  
  
}
```

OUTPUT:

```
Command Prompt
Microsoft Windows [Version 10.0.18362.1082]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\arpit>cd..

C:\Users>cd..

C:\>cd java lab

C:\java lab>javac ThreadDemo.java

C:\java lab>java ThreadDemo
CSE
BMS College Of Engineering
CSE
CSE
CSE
CSE
BMS College Of Engineering
BMS College Of Engineering
BMS College Of Engineering
BMS College Of Engineering

C:\java lab>
```