8. 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.

```
import java.util.Scanner;
class Thread1 extends Thread
{
  public void run()
  {
    try {
    System.out.println("BMS College of Engineering");
    Thread.sleep(10000);
    }
    catch(InterruptedException ie)
    {
      System.out.println("exit thread");
    }
  }
}
class Thread2 extends Thread
{
  public void run()
  {
    try {
     System.out.println("CSE");
     Thread.sleep(2000);
  }
  catch(InterruptedExecution ie)
  {
    System.out.println("Exit thread");
  }
}
}
```

```
class Tdpgm
{
  public static void main(String xx[])
  {
    Thread1 t1 = new Thread1();
    t1.start();
    Thread t2 = new Thread2();
     t2.start();
  }
}
```

Output: BMS College of Engineering
CSE.

Using only one class:

```
class Thread1 extends Thread
{
   String x; int t;
   Thread1 (String x, int t)
   {
     this.x = x;
     this.t = t;
    Thread1(String x, int
    public void run()
    {
      try{} {
        while (true)
        {
          System.out.println(x);
          Thread.sleep(t);
        }
       }
```

```
catch (InterruptedException ie)
{
    System.out.println("exit thread");
}
}
}
class Main
{
    psvm
    {
        Thread1 t1 = new Thread1("BMS College",1000);
        Thread1 t2 = new Thread1("CSE", 2000)
        t1.start();
        t2.start();
    }
}
```

Output:
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
.
.
.

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```
import java.util.Scanner;
class Thread1  extends Thread
{
/*Thread1(String x)
{
super(x);
System.out.println("First thread "+this);
}*/
public void run()
{
try{
System.out.println("BMS College of Engineering");
Thread.sleep(10000);
}
catch (InterruptedException ie)
{
System.out.println("exit thread");
}
}
}
class Thread2  extends Thread
{
/*Thread2(String y)
{
super(y);
System.out.println("Second thread   "+this);
}*/
public void run()
{
try{
System.out.println("CSE");
```

```
Thread.sleep(2000);
}
catch (InterruptedException ie)
{
System.out.println("exit thread");
}
}
}
class Tdpgm
{
public static void main(String xx[])
{
Thread1 t1=new Thread1(/*"thread 1"*/);
t1.start();
Thread2 t2=new Thread2(/*"thread2"*/);
t2.start();
}
}
```