

## WEEK 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.

Source Code :

```
class ThreadDemo extends Thread{
    public void run(){
        while(true){
            System.out.println("BMS College Of Engineering");
            try{
                Thread.sleep(10000);
            }
            catch(InterruptedException e){
                e.printStackTrace();
            }
        }
    }
}

class CSEThread extends Thread{
    public void run(){
        while(true){
            System.out.println("CSE");
            try{
                Thread.sleep(2000);
            }
            catch(InterruptedException e){
                e.printStackTrace();
            }
        }
    }
}

public class Demo{
    public static void main(String[] args){
        ThreadDemo t1 = new ThreadDemo();
        CSEThread t2 = new CSEThread();
        t1.start();
        t2.start();
    }
}
```

Output :

```
PS C:\Users\satis\OneDrive\Documents\ooj_lab> javac Demo.java
PS C:\Users\satis\OneDrive\Documents\ooj_lab> java Demo
BMS College Of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College Of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College Of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College Of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College Of Engineering
CSE
CSE
CSE
CSE
CSE
```

## Written Code & Output :

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classmate

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Write a program which creates two threads, one thread displaying "BMS College of Engineering" once every 10 seconds and another displaying "CSE" once every 2 seconds.

```
soln: class ThreadDemo extends Thread {  
    public void run() {  
        while (true) {  
            System.out.println("BMS college of  
Engineering");  
            try {  
                Thread.sleep(10000);  
            }  
            catch (InterruptedException e) {  
                e.printStackTrace();  
            }  
        }  
    }  
}
```

```
class CSEThread extends Thread {  
    public void run() {  
        while (true) {  
            System.out.println("CSE");  
            try {  
                Thread.sleep(2000);  
            }  
            catch (InterruptedException e) {  
                e.printStackTrace();  
            }  
        }  
    }  
}
```

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```

public class Main {
    public static void main(String[] args) {
        ThreadDemo t1 = new ThreadDemo();
        CSEThread t2 = new CSEThread();
        t1.start();
        t2.start();
    }
}

```

Output:

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

BMS College Of Engineering