LAB-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.*/

```java
import java.util.Scanner;
class BMS extends Thread{
  int time;
  String str;
  BMS(int t,String s){
   time =t;
   str = s;
 }
  public void run(){
     try{
        int i=0;
        while (i<5){
           sleep(time);
           System.out.println(str);
           i++;
        }
     } catch (Exception e){
     }
  }
}


class MultithreadDemo {
   public static void main(String args[]) {
      Scanner ss = new Scanner(System.in);
      int[] t = new int[3];
      String[] s = new String[3];
      for(int i=0;i<2;i++){
       System.out.println("Enter the time delay: ");
       t[i] = ss.nextInt();
       System.out.println("Enter the String to be displayed: ");
       s[i] = ss.next();
      }
      BMS t1 = new BMS(t[0],s[0]);
      BMS t2 = new BMS(t[1],s[1]);
```

```
        //CSE t2 = new CSE();
        t1.start();
        t2.start();
        //t2.start();
    }
}
```

```
D:\coding files\OOJ Lab>javac MultithreadDemo.java

D:\coding files\OOJ Lab>java MultithreadDemo
Enter the time delay:
10000
Enter the String to be displayed:
BMS College of Engineering
Enter the time delay:
2000
Enter the String to be displayed:
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
BMS College of Engineering
BMS College of Engineering
BMS College of Engineering
BMS College of Engineering

D:\coding files\OOJ Lab>
```