

OOJ LAB-WEEK 11-LAB PROG 9

Program and Output

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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.

```
class NewThread implements Runnable {  
  
    String name;  
  
    int time;  
  
    Thread t;  
  
    NewThread(String threadname, int threadtime) {  
  
        name = threadname;  
  
        time=threadtime;  
  
        t = new Thread(this, name);  
  
        System.out.println("New thread: " + t);  
  
        t.start();  
  
    }  
  
  
    public void run() {  
  
        try {  
  
            for(int i = 1; i<=7; i++) {
```

```
System.out.println(name);  
Thread.sleep(time);  
}  
} catch (InterruptedException e) {  
System.out.println(name + "Interrupted");  
}  
System.out.println(name + " quitting");  
}  
}
```

```
class Main {  
public static void main(String args[]) {  
new NewThread("CSE",2000);  
new NewThread("BMS College of Engineering",10000);  
}  
}
```

Output-

```
New thread: Thread[CSE,5,main]
New thread: Thread[BMS College of Engineering,5,main]
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE quitting
BMS College of Engineering
BMS College of Engineering
BMS College of Engineering
BMS College of Engineering
BMS College of Engineering
BMS College of Engineering quitting

...Program finished with exit code 0
Press ENTER to exit console.
```