thread1.java   ×   thread3.java   ●   thread2.java   ×

```java
/*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.*/
// Create multiple threads.
class Thread1 implements Runnable {
String name; // name of thread
Thread t;
int sec;
Thread1(String threadname,int seconds) {
sec=seconds;
name = threadname;
t = new Thread(this, name);
t.start(); // Start the thread
}
// This is the entry point for thread.
public void run() {
try {
for(int i = 5; i > 0; i--) {
System.out.println(i+"  "+name);
Thread.sleep(sec);
}
} catch (InterruptedException e) {
System.out.println(name + "Interrupted");
}
}
}

class MultiThreadDemo {
public static void main(String args[]) {
Thread1 n1=new Thread1("BMS College of Engineering",10000); // create a new thread
Thread1 n2=new Thread1("CSE",2000);
}
}
```

```
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C:\Users\harshitha>CD C:\Program Files\Java\bin\basic

C:\Program Files\Java\bin\basic>set path="C:\Program Files\Java\bin"

C:\Program Files\Java\bin\basic>javac thread1.java

C:\Program Files\Java\bin\basic>java MultiThreadDemo
5   BMS College of Engineering
5   CSE
4   CSE
3   CSE
```
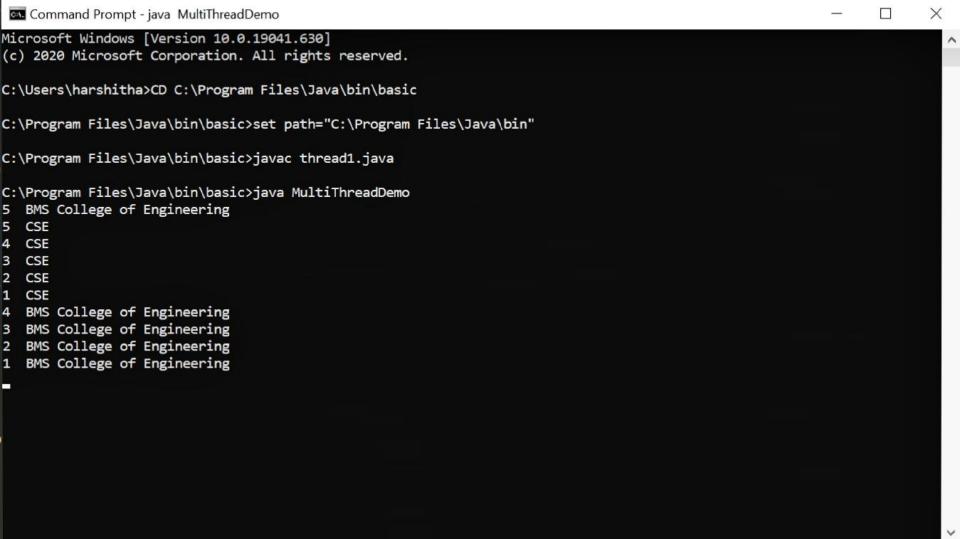
```
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C:\Users\harshitha>CD C:\Program Files\Java\bin\basic

C:\Program Files\Java\bin\basic>set path="C:\Program Files\Java\bin"

C:\Program Files\Java\bin\basic>javac thread1.java

C:\Program Files\Java\bin\basic>java MultiThreadDemo
5   BMS College of Engineering
5   CSE
4   CSE
3   CSE
2   CSE
1   CSE
```

```
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C:\Users\harshitha>CD C:\Program Files\Java\bin\basic

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C:\Program Files\Java\bin\basic>javac thread1.java

C:\Program Files\Java\bin\basic>java MultiThreadDemo
5  BMS College of Engineering
5  CSE
4  CSE
3  CSE
2  CSE
1  CSE
4  BMS College of Engineering
```

```
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C:\Program Files\Java\bin\basic>java MultiThreadDemo
5  BMS College of Engineering
5  CSE
4  CSE
3  CSE
2  CSE
1  CSE
4  BMS College of Engineering
3  BMS College of Engineering
```

```
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C:\Users\harshitha>CD C:\Program Files\Java\bin\basic

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C:\Program Files\Java\bin\basic>java MultiThreadDemo
5  BMS College of Engineering
5  CSE
4  CSE
3  CSE
2  CSE
1  CSE
4  BMS College of Engineering
3  BMS College of Engineering
2  BMS College of Engineering
```

```
Command Prompt - java MultiThreadDemo

Microsoft Windows [Version 10.0.19041.630]
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C:\Users\harshitha>CD C:\Program Files\Java\bin\basic

C:\Program Files\Java\bin\basic>set path="C:\Program Files\Java\bin"

C:\Program Files\Java\bin\basic>javac thread1.java

C:\Program Files\Java\bin\basic>java MultiThreadDemo
5  BMS College of Engineering
5  CSE
4  CSE
3  CSE
2  CSE
1  CSE
4  BMS College of Engineering
3  BMS College of Engineering
2  BMS College of Engineering
1  BMS College of Engineering
```

```
Command Prompt                                                    —    □    ✕

Microsoft Windows [Version 10.0.19041.630]
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C:\Users\harshitha>CD C:\Program Files\Java\bin\basic

C:\Program Files\Java\bin\basic>set path="C:\Program Files\Java\bin"

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5  BMS College of Engineering
5  CSE
4  CSE
3  CSE
2  CSE
1  CSE
4  BMS College of Engineering
3  BMS College of Engineering
2  BMS College of Engineering
1  BMS College of Engineering

C:\Program Files\Java\bin\basic>
```