

JAVA LAB - 10

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.

PROGRAM:

```
1  class Thread1 extends Thread {
2      public void run() {
3          while (true) {
4              try {
5                  for (int i = 0; i < 5; i++) {
6                      System.out.println(x: "BMSCE");
7                      Thread.sleep(millis: 1000); // 1 second
8                  }
9              } catch (InterruptedException e) {
10                  System.out.println(x: "BMSCE IE");
11              }
12          }
13      }
14  }
15
16 class Thread2 extends Thread {
17     public void run() {
18         while (true) {
19             try {
20                 for (int i = 0; i < 5; i++) {
21                     System.out.println(x: "CSE");
22                     Thread.sleep(millis: 1500); // 1.5 seconds
23                 }
24             } catch (InterruptedException e) {
25                 System.out.println(x: "CSE IE");
26             }
27         }
28     }
29 }
30 }
```

```
public class multi {
    Run | Debug
    public static void main(String[] args) {
        Thread1 t1 = new Thread1();
        Thread2 t2 = new Thread2();

        t1.start();
        t2.start();
    }
}
```

OUTPUT:

The screenshot shows a terminal window interface. At the top, there is a navigation bar with five tabs: PROBLEMS (23), OUTPUT, DEBUG CONSOLE, TERMINAL (which is underlined, indicating it is the active tab), and PORTS. The main area of the terminal displays a series of identical output lines, each consisting of the letters "BMSCE" followed by a single space and then "CSE". This pattern repeats approximately 15 times across the screen.

```
BMSCE
BMSCE
CSE
BMSCE
CSE
BMSCE
CSE
BMSCE
BMSCE
CSE
BMSCE
CSE
BMSCE
BMSCE
CSE
BMSCE
CSE
BMSCE
BMSCE
CSE
```