Week 9

The program to be executed for evaluation in today's lab is given here.

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.

CODE:-

```java
import java.util.Scanner;
class Bms extends Thread {
 synchronized public void run() {
        try {
                int i=0;
                while (i<5) {
                        sleep(2000);
                        System.out.println("BMS college of engineering ");
                        i++;
                }
        } catch (Exception e) {
        }
 }
}

class Cse extends Thread {
 synchronized public void run() {
        try {
                int i=0;
                while (i<5) {
                        sleep(10000);
                        System.out.println("Computer science engineering ");
                        i++;
                }
        } catch (Exception e) {
        }
 }
}
```

```
class Main{
  public static void main(String args[]) {
        Bms t1 = new Bms();
        Cse t2 = new Cse();
        t1.start();
        t2.start();

  }
}
```

Out put

```
Microsoft Windows [Version 10.0.19044.2364]
(c) Microsoft Corporation. All rights reserved.

C:\Users\BMSCE>cd C:\Users\BMSCE\Desktop\1BM21CS059\multiple thread

C:\Users\BMSCE\Desktop\1BM21CS059\multiple thread>javac thr.java

C:\Users\BMSCE\Desktop\1BM21CS059\multiple thread>java thr
BMS college of engineering
BMS college of engineering
BMS college of engineering
BMS college of engineering
Computer science engineering
BMS college of engineering
Computer science engineering
Computer science engineering
Computer science engineering
Computer science engineering

C:\Users\BMSCE\Desktop\1BM21CS059\multiple thread>
```

Note book:-

Week 9 :-

```java
import java.util.scanner;
class Bus extends Thread {

    Synchronized public void run() {

        try {
            int i=0;
            while (i<5) {
                sleep(2000);
                System.out.println("Bus College of engineering");
                i++;
            }
        } catch(exception e) {
        }
    }
}

class cse extends Thread {
    Synchronized public void run() {

        try {
            int i=0;
            while (i<5) {
                sleep(10000);
                System.out.println("computer science engineering");
                i++;
            }
        } catch (Exception e) {
        }
    }
}

class Main {
    public static void main(String args[]) {
        Bus t1 = new Bus();
        cse t2 = new cse();
```

```
d1. Sdar + c);
d2. Sdardes;
}

}
```

out put :-

BMS college of engineering
BMS college of engineering
BMS college of engineering
BMS college of engineering
computer science engineering
  BMS college of Engineering
computer science of engineering.
computer science engineering
computer science Engineering
computer science Engineering