8)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
public class ThreadExample {

  static class PrintBMS implements Runnable {

    private volatile boolean running = true;


    public void run() {

      while (running) {

        System.out.println("BMS College of Engineering");

        try {

          Thread.sleep(10000);

        } catch (InterruptedException e) {

          System.out.println("Thread interrupted: " + e.getMessage());

          Thread.currentThread().interrupt();

          break;

        }

      }

    }


    public void stopThread() {

      running = false;

    }

  }



  static class PrintCSE implements Runnable {

    private volatile boolean running = true;


    public void run() {
```

```java
    while (running) {

      System.out.println("CSE");

      try {

        Thread.sleep(2000);

      } catch (InterruptedException e) {

        System.out.println("Thread interrupted: " + e.getMessage());

        Thread.currentThread().interrupt(); //

        break;

      }

    }

  }

  public void stopThread() {

    running = false;

  }

}

public static void main(String[] args) {

  System.out.println("Name: Aarusha GP, USN: 1BM23CS005");

  PrintBMS printBMS = new PrintBMS();

  PrintCSE printCSE = new PrintCSE();

  Thread thread1 = new Thread(printBMS);

  Thread thread2 = new Thread(printCSE);

  thread1.start();

  thread2.start();

  try {
```

```java
        Thread.sleep(30000); //

    } catch (InterruptedException e) {

        e.printStackTrace();

    }



    printBMS.stopThread();

    printCSE.stopThread();

    thread1.interrupt();

    thread2.interrupt();



    try {

        thread1.join();

        thread2.join();

    } catch (InterruptedException e) {

        e.printStackTrace();

    }



    System.out.println("Program finished.");

    }

}
```

OUTPUT :

```
C:\Users\arush\OneDrive\Desktop\1bm23cs005>java ThreadExample
Name: Aarusha GP, USN: 1BM23CS005
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
Thread interrupted: sleep interrupted
Thread interrupted: sleep interrupted
Program finished.
```