

- Q) 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 mythread extends Thread {

int time;

String message;

mythread

mythread(int time, String message)

{

this.time = time;

this.message = message;

}

public void run() {

try {

while(true) {

System.out.println(message);

Thread.sleep(time * 1000);

}

}

catch (Exception e)

{

System.out.println("unknown error occurred");

}

}

public class new {

public static void main (String[] args) {

mythread bms = new mythread (10, "Bms College of Engineering");

mythread cse = new mythread (2, "CSE");

bms start c);

cse start c);

Output

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

BMS College of Engineering

CSE

CSE

⋮

28/11/24


```

import java.util.Scanner;

class MyThread extends Thread {
    private String message;
    private int interval;

    public MyThread(String message, int interval) {
        this.message = message;
        this.interval = interval;
    }

    public void run() {
        try {
            while (true) {
                System.out.println(message);
                Thread.sleep(interval * 1000);
            }
        } catch (InterruptedException e) {
            System.out.println("Thread interrupted: " + message);
        }
    }
}

public class thread {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.println("Enter the first message");
        String message1 = scanner.nextLine();

        System.out.println("Enter the second message ");
        String message2 = scanner.nextLine();

        MyThread thread1 = new MyThread(message1, 10);
        MyThread thread2 = new MyThread(message2, 2);
        thread1.start();
        thread2.start();

    }
}

```

```
C:\Users\shett\OneDrive\Documents\javaclasslab>javac thread.java
```

```
C:\Users\shett\OneDrive\Documents\javaclasslab>java thread
```

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Enter the first message
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BMS COLLEGE OF ENGINEERING
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Enter the second message
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CSE
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BMS COLLEGE OF ENGINEERING
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CSE
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