

Program 9:

WAP which creates 2 threads, one thread displaying "BMS College of Engineering" once every 10 seconds and another displaying "CSE" every 2 seconds.

class threadmain

```
{
    public static void main (String[] args)
    {
        System.out.println ("Enter Ctrl+C to stop");
        thread t1 = new thread1();
        thread t2 = new thread2();
    }
}
```

class thread1 implements Runnable

```
{
    Thread t;
    thread1()
    {
        t = new Thread (this, "thread1");
        t.start();
    }
    public void run()
    {
        for(;;)
        {
            try
            {
                System.out.println ("BMS College of Engineering");
                Thread.sleep(10000);
            }
            catch (InterruptedException ie)
            {
                System.out.println ("Interrupted");
            }
        }
    }
}
```

class thread2 implements Runnable

```
{
    Thread t2;
    thread2()
    {
        t2 = new Thread (this, "thread2");
        t2.start();
    }
}
```

```

public void run()
{
    for(;;)
    {
        try
        {
            System.out.println("CSE");
            Thread.sleep(2000);
        }
        catch (InterruptedException ie)
        {
            System.out.println("Interrupted");
        }
    }
}

```

threadmain.java - Notepad

File Edit Format View Help

```
class threadmain
```

```
{
    public static void main(String[] args)
    {
        System.out.println("Enter Ctrl+C to stop");
        thread1 t1 = new thread1();
        thread2 t2 = new thread2();
    }
}
```

```
class thread1 implements Runnable
```

```
{
    Thread t;
    thread1()
    {
        t = new Thread(this, "thread1");
        t.start();
    }

    public void run()
    {
        for(;;)
        {
            try
            {
                System.out.println("BMS College Of Engineering");
                Thread.sleep(10000);
            }
            catch (InterruptedException ie)
            {
                System.out.println("Interrupted");
            }
        }
    }
}
```

threadmain.java - Notepad

File Edit Format View Help

```
    {  
        System.out.println("Interrupted");  
    }  
}  
}
```

class thread2 implements Runnable

```
{  
    Thread t2;  
    thread2()  
    {  
        t2 = new Thread(this,"thread2");  
        t2.start();  
    }  
  
    public void run()  
    {  
        for(;;)  
        {  
            try  
            {  
                System.out.println("CSE");  
                Thread.sleep(2000);  
            }  
            catch(InterruptedException ie)  
            {  
                System.out.println("Interrupted");  
            }  
        }  
    }  
}
```

```
CSE
^C
C:\Users\srish\Documents>java threadmain.java
Enter Ctrl+C to stop
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
BMS College Of Engineering
CSE
CSE
CSE
CSE
CSE
^C
C:\Users\srish\Documents>
```