

DATE:12/03/2024

PROGRAM-2

LAB-8

AIM:-WRITE AN APPLICATION THAT EXECUTE TWO THREAD. ONE THREAD DISPLAY "A" EVERY 1000 MILLISECOND AND OTHER DISPLAYS "B" EVERY 3000 MILLISECOND. CREATE THE THREAD BY EXTENDING THE THREAD CLASS.

CODE:

```
public class lab_8_2 extends Thread{
```

```
    public void run(){
```

```
        try {
```

```
            Thread.sleep(1000);
```

```
        }
```

```
        catch(Exception e){
```

```
            System.out.println("class 1");
```

```
        }
```

```
        int i=0;
```

```
        while(i<4){
```

```
            System.out.println("A");
```

```
            i++;
```

```
        }
```

```
    }
```

```
    public static void main(String[] args) {
```

```
        lab_8_2 l= new lab_8_2();
```

```
        dev d= new dev();  
        l.start();  
        d.start();  
    }  
}  
  
class dev extends Thread{  
    @Override  
    public void run() {  
        try{  
            Thread.sleep(3000);  
        }  
        catch(Exception e){  
            System.out.println("class 2");  
        }  
        int j=0;  
        while(j<4) {  
            System.out.println("B");  
            j++;  
        }  
    }  
}
```

```
C:\Users\Admin\.jdk\openjdk-22\bin\j
AN
AN
AN
AN
B
B
B
B
Process finished with exit code 0
}
```

OUTPUT: