

## Assignment No: 02

Assignment Name: Write an assembly code to glow G+R1(ON)-R1(OFF)-Y(ON) in LED Display respectively.

### Assembly Code:

```
G13_AS2 SEGMENT PARA PUBLIC 'CODE'
```

```
ASSUME CS:G13_AS2
```

```
ORG 1000H
```

```
START:
```

```
MOV AL,80H
```

```
OUT 1FH,AL
```

```
MOV AL,0FFH
```

```
OUT 19H,AL
```

```
LED:
```

```
MOV AL,03H
```

```
OUT 1BH,AL
```

```
MOV CX,0FFFFH
```

```
D0:LOOP D0
```

```
MOV AL,02H
```

```
OUT 1BH,AL
```

```
MOV CX,0FFFFH
```

```
D1:LOOP D1
```

MOV AL,06H

OUT 1BH,AL

MOV CX,0FFFFH

D2:LOOP D2

G13\_AS2 ENDS

END START