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Date : 11/10/2024

Roll No:62

Practical 7

Interfacing seven segment

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Code :-

```
ORG 0000H
MOV DPTR, #PAT
START:
MOV A, #0FFH
MOV B, A
MOV R0, #0AH
```

```
LOOP:
MOV A, B
INC A
MOV B, A
ACALL DISPLAY
MOV P0, A
ACALL DELAY
DEC R0
MOV A, R0
```

```
JZ START
SJMP LOOP
```

```
DELAY:
MOV R3, #50
MOV R4, #50
```

```
HERE: DJNZ R4, HERE
```

```
HERE2: DJNZ R3, HERE2
RET
```

```
DISPLAY:
```

```
MOVC A, @A+DPTR
RET
```

```
PAT:
DB 0C0H, 0F9H, 0A4H, 0B0H, 099H, 092H, 082H, 0F8H, 80H, 90H, 0;
```

```
END
```

Screenshot Output :-





