

PRACTICAL – 29

AIM: Write a program with nested loop which will display the decimal down counter. on Port 1 with a one second delay between each count.

CODE:

```
org 100h
```

```
mov dl, '9'
```

```
mov bh, '0'
```

```
l1:
```

```
mov ah, 06h
```

```
int 21h
```

```
mov cl, 60
```

```
d1:
```

```
dec cl
```

```
jnz d1
```

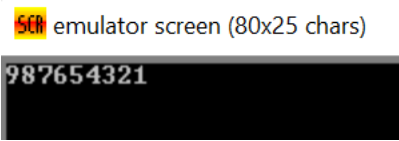
```
dec dl
```

```
cmp dl, bh
```

```
jnz l1
```

```
ret
```

OUTPUT:

 emulator screen (80x25 chars)

987654321

CONCLUSION: In this Practical we learnt nested loop.