

QNo: 2

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```

write a program to print.

- model: small
- stack 100 h
- data
- code

Main proc

```
mov ax, @data
mov ds, ax
```

```
mov bx, 5      ; bx = 5
mov cx, 5      ; cx = 5
```

L1:

```
push cx      ; to store cx value.
```

```
mov cx, bx
```

L2:

```
mov dl, '*' }
```

```
mov ah, 2 }
```

```
int 21h }
```

Block to display
*

Loop L2

```
mov dx, 10  
mov ah, 2  
int 21h
```

} Block for newline

```
mov dx, 13  
mov ah, 2  
int 21h
```

} Block for carry
return

```
dec bx  
pop cx
```

; bx=4 first time in
second line.

```
loop LI
```

```
mov ah, 4ch  
int 21h
```

```
Main EndP  
End Main
```
