

QNO4:

```
*****
****
***
**
*
```

write a program to print pattern.

- model small
- stack 100h
- data

```
Star DB ?
Blank DB ?
```

- code

Main PROC

```
MOV CX, 5
```

```
MOV BH, 5
```

```
MOV BL, 0
```

```
MOV Star, BH ; Star = 5
```

```
MOV Blank, BL ; Blank = 0
```

L1:

cmp Blank, 0
je La

mov ah, 2

mov dl, 30

int 21h

} for space printing.

dec Blank

jmp L1

L2:

mov ah, 2

mov dl, 'x'

int 21h

dec Star

cmp Star, 0

jne La

mov ah, 2

mov dl, 10

int 21h

} new line.

mov ah, 2

mov dl, 13

int 21h

} carry return.

Dec BH

Dec BH

MOV Str, BH

inc BL

MOV Blank, BL

Loop LI

Exit:

MOV ah, 4Ch

~~int~~ 21h

Main Endp

End Main