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Question-1:

Code:

```
.model small
.stack 100h
.data
.code
 main proc
   mov cx, 100
   mov dx, 7
print_row:
   push cx
   mov cx, 100
print_col:
   mov ah, 02h
   mov dl, '#'
   int 21h
   loop print_col

   pop cx
   dec dx
   cmp dx, 0
   jne print_row

   mov ax, 4c00h
   int 21h
 main endp
end main
```

Question-2:

Code:

```
.model small
.stack 100h
.data
.code
 main proc
```

```asm
    mov cx, 100
    mov dx, 7
print_row:
    push cx
    mov cx, 100
print_col:
    mov ah, 02h
    mov dl, '#'
    int 21h
    loop print_col

    pop cx
    dec dx
    cmp dx, 0
    jne print_row

    mov ax, 4c00h
    int 21h
  main endp
end main
```

Question-3:
code:

```asm
.model small
.stack 100h
.data

A dw 5
B dw 3
Product dw ?

.code

main proc
    mov ax, @data
    mov ds, ax

    mov ax, A
    mov bx, B
    call MULTIPLY

    mov ah, 4Ch
    int 21h
```

```
main endp

MULTIPLY proc
    mov cx, bx
    xor dx, dx

multiply_loop:
    add dx, ax
    dec cx

    jnz multiply_loop


    mov Product, dx

    ret
MULTIPLY endp

end main
```