

Task1_arrayCopy

org 100h

.model small

.stack 100h

.data

msg1 db "Hola!\$"

msg2 db ?,?,?,?,'\$'

.code

main proc

mov ax, @data

mov ds, ax

mov bl, msg1[4]

mov msg2[0], bl

mov bl, msg1[3]

mov msg2[1], bl

mov bl, msg1[2]

mov msg2[2], bl

mov bl, msg1[1]

mov msg2[3], bl

mov bl, msg1[0]

mov msg2[4], bl

lea dx, msg2

mov ah, 9

int 21h

mov ah, 4ch

int 21h

main endp

```
end main
```

Task2_Fibonacci

```
ORG 100H  
.MODEL SMALL  
.STACK 100H
```

```
.CODE  
MAIN PROC
```

```
    mov ah, 2
```

```
    mov bl, 30h ;0  
    mov dl, bl  
    int 21h
```

```
    mov cl, 31h ;1  
    mov dl, cl  
    int 21h
```

```
    add bl, cl ;0+1=1  
    sub bl, 30h  
    mov dl, bl  
    int 21h
```

```
    add cl, bl ;1+1=2  
    sub cl, 30h  
    mov dl, cl  
    int 21h
```

```
    add bl, cl ;1+2=3  
    sub bl, 30h  
    mov dl, bl  
    int 21h
```

```
    add cl, bl ;2+3=5  
    sub cl, 30h
```

```
mov dl, cl  
int 21h
```

```
add bl, cl ;3+5=8  
sub bl, 30h  
mov dl, bl  
int 21h
```

```
exit:  
MOV AH, 4CH  
INT 21H
```

```
MAIN ENDP  
END MAIN
```