<< Search more Solutions!
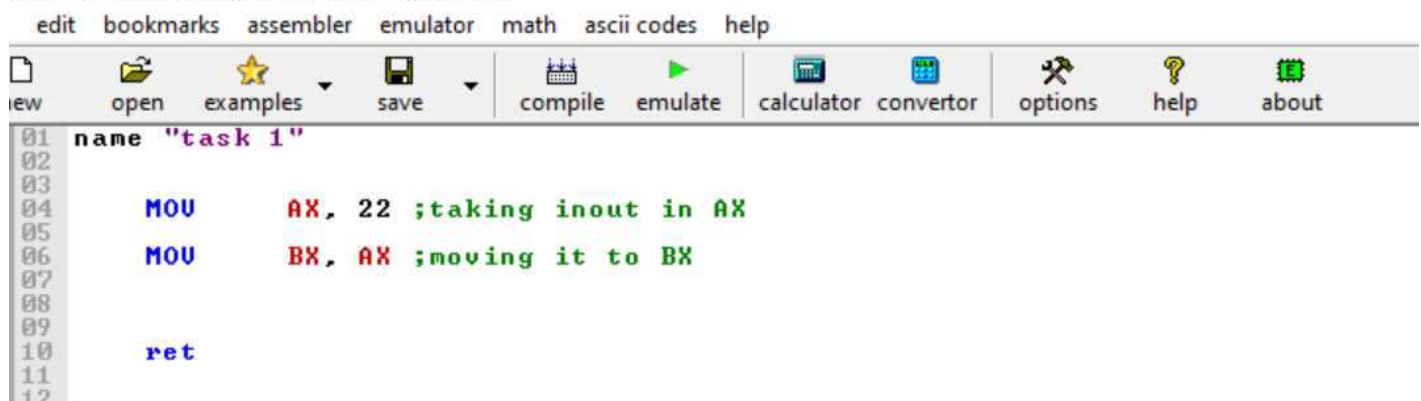
Found Errors in Solution? >> Report here!

Answer

Task(1): Code

```
name "task 1"
  MOV     AX, 22 ;taking inout in AX
  MOV     BX, AX ;moving it to BX
  ret
```

Code Screenshot:

Output:

file   math   debug   view   external   virtual devices   virtual drive   help

Load	reload	step back	single step	run	step delay ms: 0

registers

	H	L
AX	00	16
BX	00	16
CX	00	00
DX	00	00
CS	0100	
IP	FF00	
SS	0100	
SP	0000	
BP	0000	
SI	0000	
DI	0000	
DS	0100	
ES	0100	

0100:FF00   0100:FF00

```
10F00: F4 244  ⌐        HLT
10F01: 00 000 NULL      ADD [BX + SI], AL
10F02: 00 000 NULL      ADD [BX + SI], AL
10F03: 00 000 NULL      ADD [BX + SI], AL
10F04: 00 000 NULL      ADD [BX + SI], AL
10F05: 00 000 NULL      ADD [BX + SI], AL
10F06: 00 000 NULL      ADD [BX + SI], AL
10F07: 00 000 NULL      ADD [BX + SI], AL
10F08: 00 000 NULL      ADD [BX + SI], AL
10F09: 00 000 NULL      ADD [BX + SI], AL
10F0A: 00 000 NULL      ADD [BX + SI], AL
10F0B: 00 000 NULL      ADD [BX + SI], AL
10F0C: 00 000 NULL      ADD [BX + SI], AL
10F0D: 00 000 NULL      ADD [BX + SI], AL
10F0E: 00 000 NULL      ADD [BX + SI], AL
10F0F: 00 000 NULL      ADD [BX + SI], AL
10F10: 00 000 NULL      ADD [BX + SI], AL
10F11: 00 000 NULL      ADD [BX + SI], AL
10F12: 00 000 NULL      ADD [BX + SI], AL
10F13: 00 000 NULL      ADD [BX + SI], AL
10F14: 00 000 NULL      ADD [BX + SI], AL
10F15: 00 000 NULL      ADD [BX + SI], AL
10F16: 00 000 NULL      ADD [BX + SI], AL
10F17: 00 000 NULL      ADD [BX + SI], AL
10F18: 00 000 NULL      ADD [BX + SI], AL
10F19: 00 000 NULL      ADD [BX + SI], AL
10F1A: 00 000 NULL      ADD [BX + SI], AL
10F1B: 00 000 NULL      ADD [BX + SI], AL
10F1C: 00 000 NULL      ADD [BX + SI], AL
10F1D: 00 000 NULL      ADD [BX + SI], AL
10F1E: 00 000 NULL      ADD [BX + SI], AL
10F1F: 00 000 NULL      ADD [BX + SI], AL
10F20: 00 000 NULL      ADD [BX + SI], AL
10F21: 00 000 NULL      ADD [BX + SI], AL
10F22: 00 000 NULL      ADD [BX + SI], AL
10F23: 00 000 NULL      ADD [BX + SI], AL
10F24: 00 000 NULL      ADD [BX + SI], AL
10F25: 00 000 NULL      ADD [BX + SI], AL
10F26: 00 000 NULL      ADD [BX + SI], AL
10F27: 00 000 NULL      ADD [BX + SI], AL
10F28: 00 000 NULL      ADD [BX + SI], AL
10F29: 00 000 NULL      ADD [BX + SI], AL
10F2A: 00 000 NULL      ...
```

Task(2): code

name "task 2"

     MOV   AX, 0x2234   ;taking input in AX register

     MOV   BX, 0x1242   ;taking input in BX register

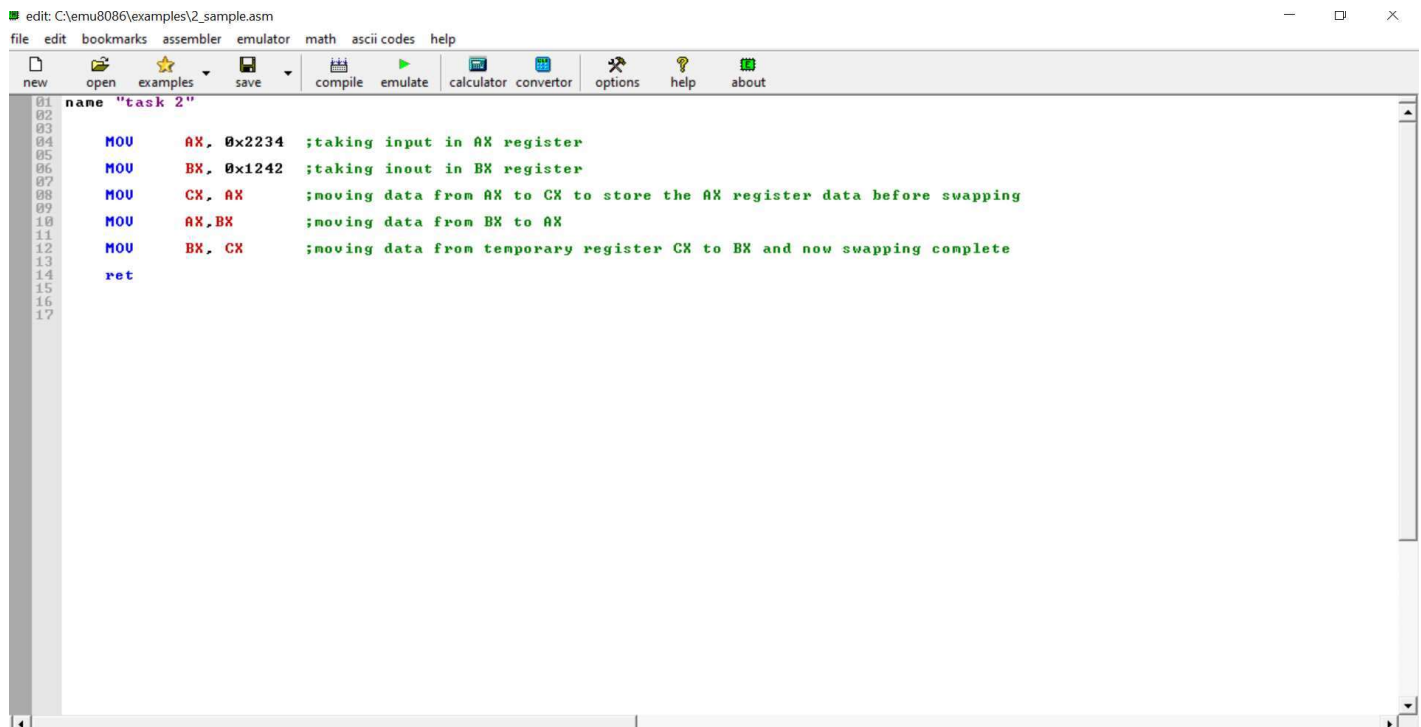   MOV   CX, AX   ;moving data from AX to CX to store the AX register data before swapping

     MOV   AX,BX   ;moving data from BX to AX

MOV   BX, CX   ;moving data from temporary register CX to BX and now swapping complete
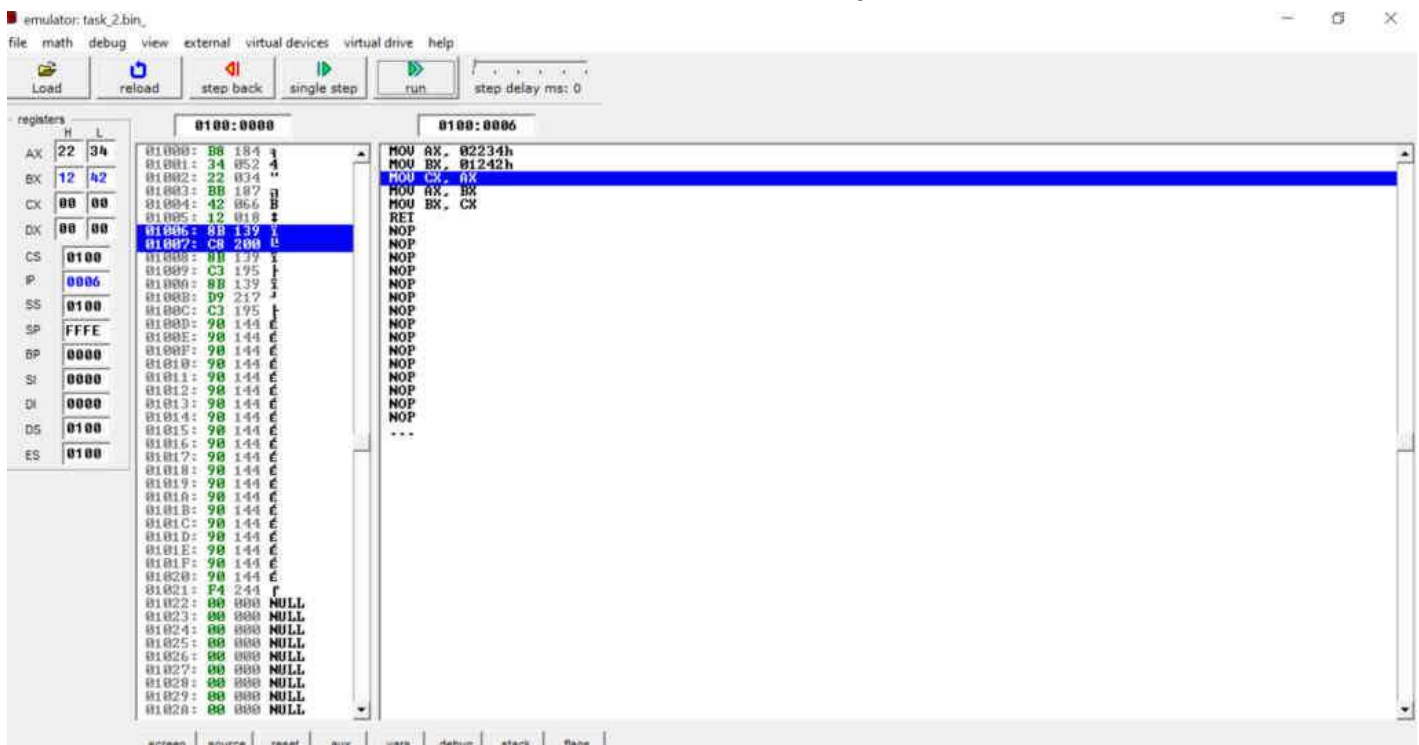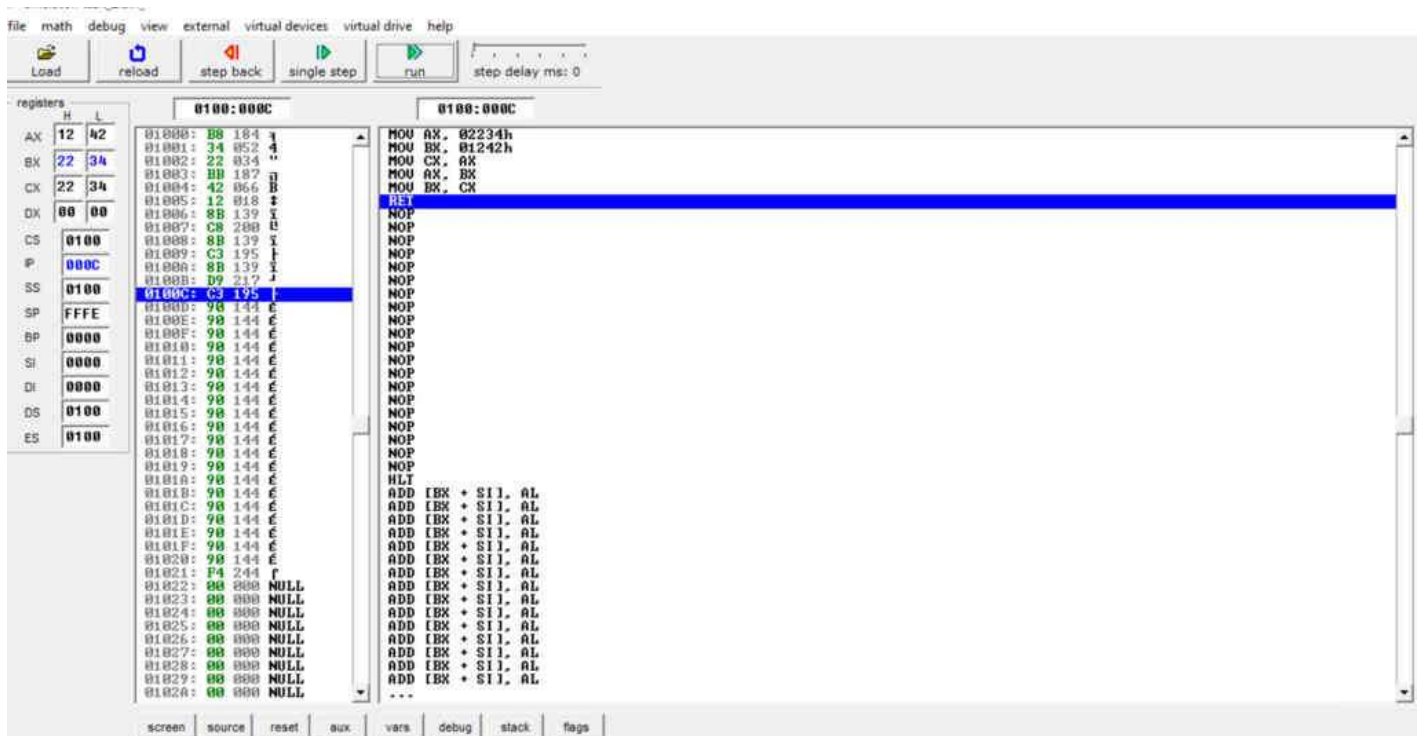
ret

Code screenshot:

Output screenshot:

Before Swapping:

After swapping:
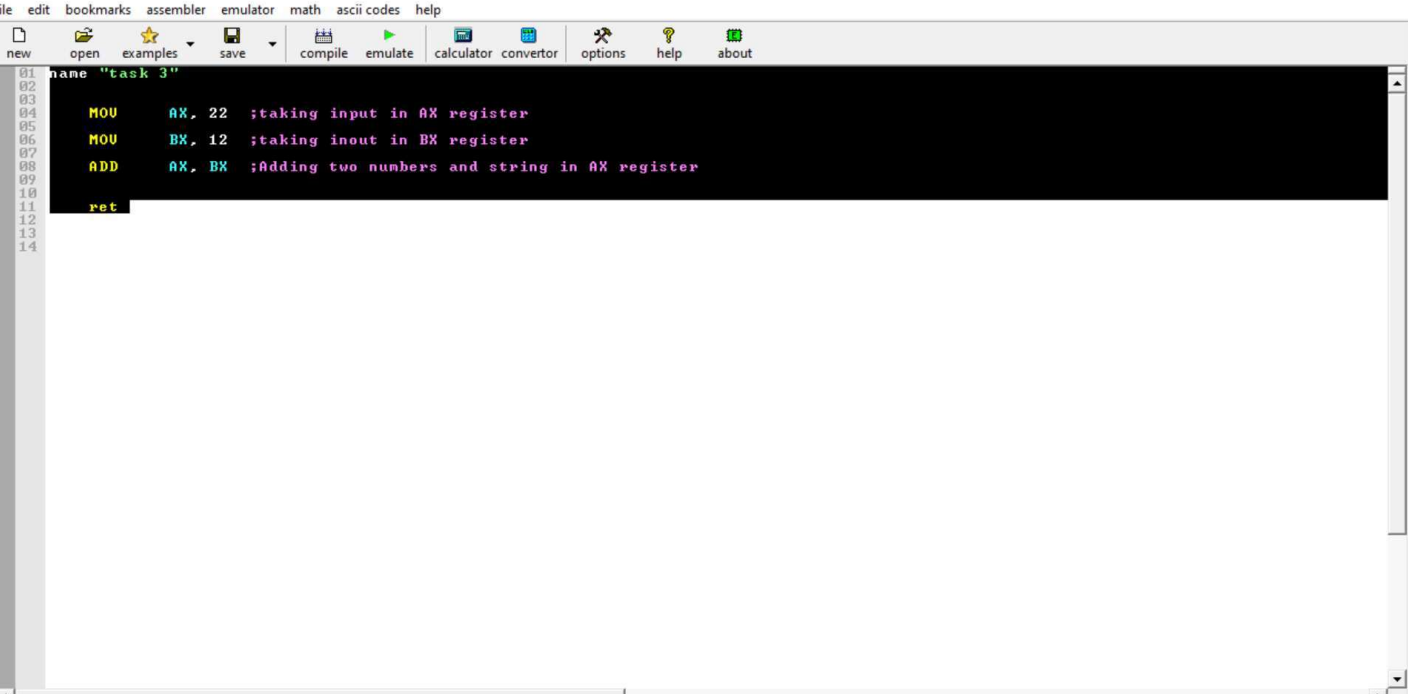

task(3): Code

name "task 3"

MOV   AX, 22 ;taking input in AX register
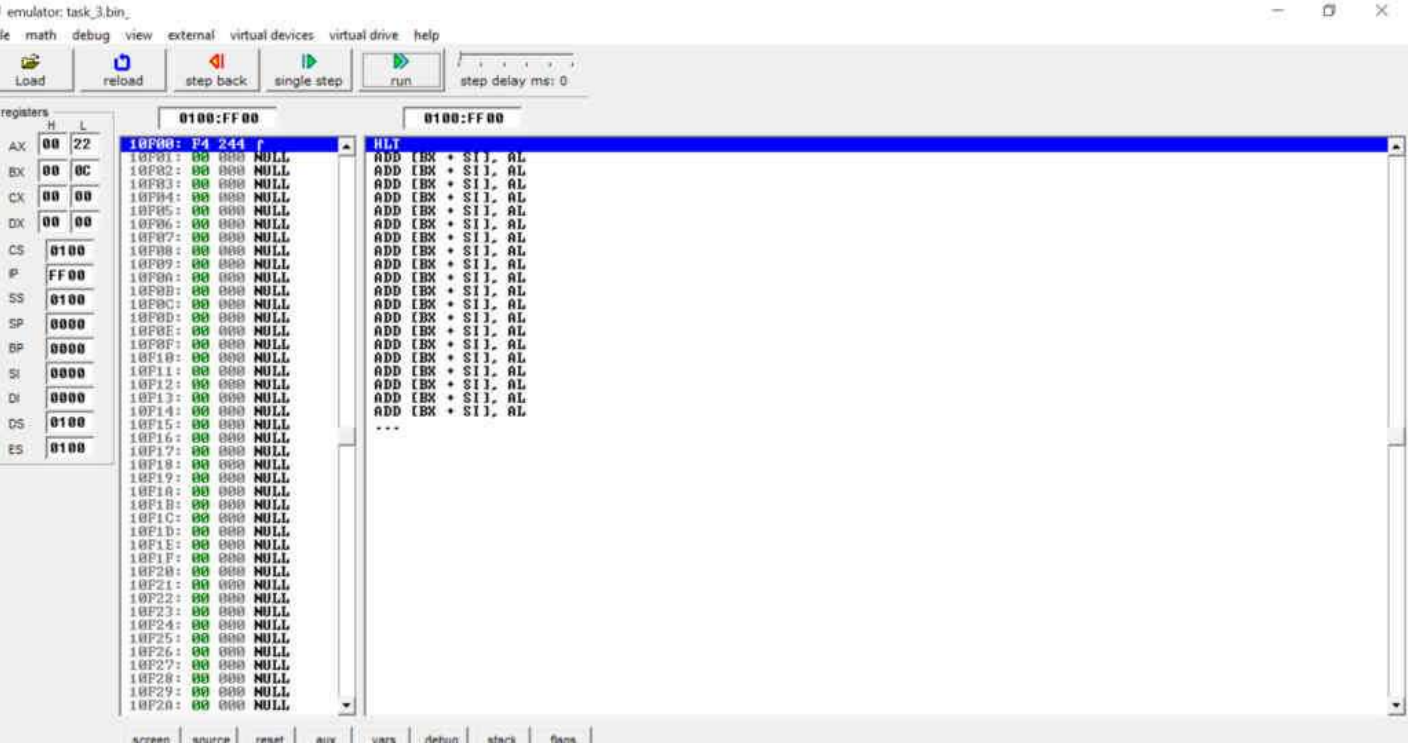
MOV   BX, 12 ;taking input in BX register

ADD   AX, BX ;Adding two numbers and string in AX register

ret

Code Screenshot:

OUTPUT:

task(4): code

name "task 4"

```
MOV     AX, 22  ;taking input in AX register

MOV     BX, 12  ;taking input in BX register

SUB     AX, BX  ;Subtracting two numbers and string in AX register

ret
```

Code Screenshot:

Output Screenshot:

task(5): code

```
name "task 5"

MOV     AX, 22
```

MOV   BX, 12

ADD   AX, BX
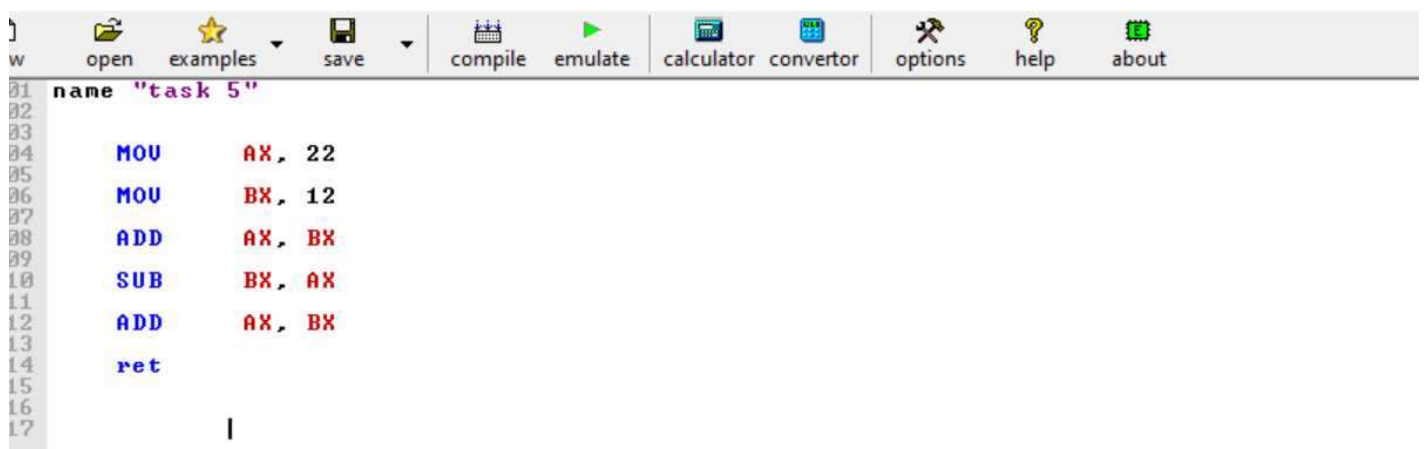
SUB   BX, AX

ADD   AX, BX
ret

Code Screenshot:

Likes: 0   Dislikes: 0