

Saqiba Yasmin

63476

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Tasks

Task 1)

- org 100h
- data
- code

main proc

mov dl, '6'

mov ah, 2

int 21h

mov dl, '3'

mov ah, 2

int 21h

mov dl, '4'

mov ah, 2

int 21h

mov dl, '7'

mov ah, 2

int 21h

Output:-

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mov dl, '6'

mov ah, 2

int 21h

main ehdp

end main

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Task 2)

- org 100h
- data
- code

- org 100h
- dat
- code

J 74 A 65 main proc
k 75 B 66 mov ah, 1
L 76 C 67 int 21h
M 77 D 68
N 78 E 69 mov dl, al
O 79 F 70 mov dl, \$2
P 80 G 71
Q 81 H 72 mov dl,
R 82 I 73

main proc A-65
mov dl, 67
mov ah, 2
int 21h

mov dl, 79
mov ah, 2
int 21h

mov dl, 65
mov ah, 2
int 21h

Output:-
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mov dl, 76
mov ah, 2
int 21h
main endp
end main.

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Task 3)

① Stack:

Syntax:- • stack 100

Reverse the ~~stack~~ stack

Last used to work in POP & push operation -

② Data:-

Data segment store ^{global} variable and constant -

Syntax:- • data

③ Code:-

Code segment contain all the th instruction of the program

Syntax • code