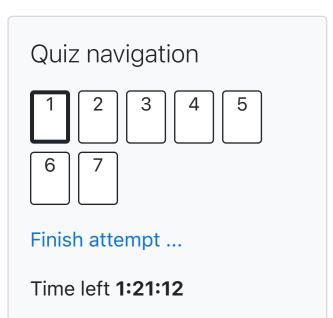
moodleubb Dimitrie-Toma Furdui

Arhitectura Sistemelor de Calcul

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Question 1

Not yet answered

Marked out of 0.80

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```
The following data segment is given:

Se da urmatorul segment de date:

a db 12h, 34h

b dd 0a0b0c0dh

c dd 08070605h

d dw 1,2,3,4,5

The following code segment is given:
Se da urmatorul segment de cod:
```

```
mov ax, [a]
push dword 0
shl eax, 16
mov ebx, [b]
;to be replaced
push eax
mov ecx, [d]
add dword [esp + 4], ecx
mov edx, [esp]
;to be replaced
add [esp + 3], al
;to be replaced
```

Replace the commented lines so that the top of the stack will look like this:

Inlocuiti liniile comentate in segmentul de cod astfel incat la finalul executiei varful stivei sa corespunda cu imaginea de mai jos:

```
06 05 0A 0B
68 12 00 34
00 02 00 01
```

- Nici o varianta nu este corecta.No obtion is correct.
- mov ax, [b 1]mov byte [esp + 1], 0push dword [c 2]
- mov ax, [a]
 and [esp 2], bx
 push dword [c 2]
- mov ax, [a + 1]mov byte [esp + 1], 0push dword [b + 2]
- mov ax, [d]
 and [esp 2], al
 push dword [b 2]
- mov ax, [d]
 and [esp + 2], al
 push dword [a 2]
- mov ax, [d 1]and [esp + 2], alpush dword [b 2]
- mov ax, [c + 3]and [esp + 2], blpush dword [a]

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✓ Sample quiz pentru Examen Scris 2021– Partea 2

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