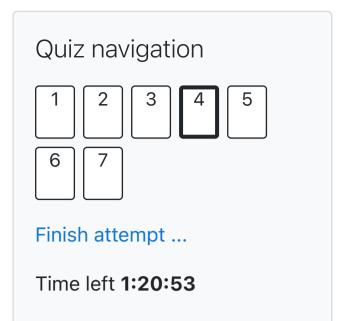
Dimitrie-Toma Furdui moodleubb

Arhitectura Sistemelor de Calcul

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Question 4 Not yet answered Marked out of 0.80 Flag question

Se da urmatorul segment de date: The following data segment is given: segment data use32 class=data a dd 32768 digits times 32 db 0 Secventa de cod urmatoare converteste variabila a din baza 10 in baza 2 si stocheaza rezultatul in sirul digits: The next code sequence converts the variable **a** from base 10 to base 2 and stores the result in the string **digits**: segment code use32 class=code start: ; line A mov ecx, 32 mov eax, [a] et 1: ; line B ; line C mov byte [digits+ebx], '0' jmp et_3 mov byte [digits+ebx], '1' et 3: ; line D ; line E loop et 1 Completati liniile A, B, C, D si E astfel incat rezultatul sa fie corect. Fill the lines A, B, C, D, and E so that the result is correct. A: mov ebx, 31 B: test eax, 1 C: **jz et_2** D: rol eax, 1 E: dec ebx ☐ A: mov ebx, 31 B: test eax, 1 C: **jz et_2** D: ror eax, 1 E: dec ebx A: mov ebx, 31 B: test eax, 1 C: jnz et_2 D: rol eax, 1 E: dec ebx □ A: mov ebx, 0 B: test eax, 8000000h C: jns et_2 D: ror eax, 1 E: inc ebx □ A: mov ebx, 0 B: test eax, 8000000h C: jns et_2 D: rol eax, 1 E: inc ebx ☐ A: mov ebx, 31 B: test eax, 1 C: jnz et_2 D: ror eax, 1 E: dec ebx A: mov ebx, 0 B: test eax, 8000000h C: **js et_2**

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■ Sample quiz pentru Examen Scris 2021 - Partea 2

D: ror eax, 1

Niciuna din variantele date

None of the given choises

E: inc ebx

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