

[Dashboard](#) / [My courses](#) / [174-185-F21](#) / [Assignments and Quizzes](#) / [Quiz 2](#)

Started on Sunday, 24 October 2021, 11:19 PM

State Finished

Completed on Sunday, 24 October 2021, 11:23 PM

Time taken 3 mins 27 secs

Grade **26.00** out of 26.00 (**100%**)

Question **1**

Complete

Mark 1.00 out of 1.00

Convert the following decimal numbers into 8-bit signed binary number: 100

Select one:

- ☒ a. 0110 0100
- ☐ b. 1010 0100
- ☐ c. 0010 0000
- ☐ d. 1111 0100

Question **2**

Complete

Mark 1.00 out of 1.00

Convert the following decimal numbers into 8-bit signed binary number: -12

Select one:

- ☒ a. 1111 0100
- ☐ b. 0010 0000
- ☐ c. 1010 0100
- ☐ d. 0110 0100

Question **3**

Complete

Mark 1.00 out of 1.00

Convert the following decimal numbers into 8-bit signed binary number: -92

Select one:

- ☐ a. 0110 0100
- ☒ b. 1010 0100
- ☐ c. 1111 0100
- ☐ d. 0010 0000

Question 4

Complete

Mark 1.00 out of 1.00

Convert the following decimal numbers into signed binary words: 1000

Select one:

- ☐ a. 1111 1111 1000 1000
- ☒ b. 0000 0011 1110 1000
- ☐ c. 0000 0011 0010 0000
- ☐ d. 1111 0011 0111 0100

Question 5

Complete

Mark 1.00 out of 1.00

Convert the following decimal numbers into signed binary words: -120

Select one:

- ☒ a. 1111 1111 1000 1000
- ☐ b. 1111 0011 0111 0100
- ☐ c. 0000 0011 0010 0000
- ☐ d. 0000 0011 1110 1000

Question 6

Complete

Mark 1.00 out of 1.00

Convert the following decimal numbers into signed binary words: -3212

Select one:

- ☐ a. 0000 0011 0010 0000
- ☐ b. 0000 0011 1110 1000
- ☐ c. 1111 1111 1000 1000
- ☒ d. 1111 0011 0111 0100

Question **7**

Complete

Mark 1.00 out of 1.00

Convert the following words into ASCII-coded character strings: Arc

Select one:

- ☒ a. 41 72 63
- ☐ b. 57 61 74
- ☐ c. 41 52 4F
- ☐ d. 46 72 6F

Question **8**

Complete

Mark 1.00 out of 1.00

Convert the following words into ASCII-coded character strings: FROG

Select one:

- ☒ a. 46 52 4F 47
- ☐ b. 41 72 63 73
- ☐ c. 57 61 74 65
- ☐ d. 46 72 6F 67

Question **9**

Complete

Mark 1.00 out of 1.00

Convert the following words into ASCII-coded character strings: Well

Select one:

- ☐ a. 46 52 47 47
- ☐ b. 41 72 63 73
- ☒ c. 57 65 6C 6C
- ☐ d. 57 72 6F 67

Question **10**

Complete

Mark 1.00 out of 1.00

Define byte.

Select one:

- ☒ a. 8-bit binary number
- ☐ b. 4-bit binary number
- ☐ c. 32-bit binary number
- ☐ d. 16-bit binary number

Question **11**

Complete

Mark 1.00 out of 1.00

Define double word.

Select one:

- ☐ a. 16-bit binary number
- ☒ b. 32-bit binary number
- ☐ c. 4-bit binary number
- ☐ d. 8-bit binary number

Question **12**

Complete

Mark 1.00 out of 1.00

Define word.

Select one:

- ☒ a. 16-bit binary number
- ☐ b. 32-bit binary number
- ☐ c. 8-bit binary number
- ☐ d. 4-bit binary number

Question **13**

Complete

Mark 1.00 out of 1.00

List the 16-bit registers that are used for register addressing.

Select one:

- ☐ a. AL, AH, BL, BH, CL, CH, DL, and DH
- ☒ b. AX, BX, CX, DX, SP, BP, SI, DI, CS, DS, ES, SS, FS, and GS
- ☐ c. RAX, RBX, RCX, RDX, RSP, RBP, RSI, RDI, and R8-R15
- ☐ d. EAX, EBX, ECX, EDX, ESP, EBP, EDI, and ESI

Question **14**

Complete

Mark 1.00 out of 1.00

List the 16-bit segment registers used with register addressing by MOV, PUSH, and POP

Select one:

- ☐ a. EAX, EBX, ECX, EDX, ESP, EBP, EDI, and ESI
- ☐ b. RAX, RBX, RCX, RDX, RSP, RBP, RSI, RDI, and R8-R15
- ☐ c. AL, AH, BL, BH, CL, CH, DL, and DH
- ☒ d. CS, DS, ES, SS, FS, and GS

Question **15**

Complete

Mark 1.00 out of 1.00

List the 32-bit registers that are used for register addressing in the 80386 through the Core 2 microprocessor.

Select one:

- ☐ a. AL, AH, BL, BH, CL, CH, DL, and DH
- ☐ b. AX, BX, CX, DX, SP, BP, SI, DI, CS, DS, ES, SS, FS, and GS
- ☐ c. RAX, RBX, RCX, RDX, RSP, RBP, RSI, RDI, and R8-R15
- ☒ d. EAX, EBX, ECX, EDX, ESP, EBP, EDI, and ESI

Question **16**

Complete

Mark 1.00 out of 1.00

List the 64-bit registers available to the 64-bit mode of the Pentium 4 and Core 2

Select one:

- ☐ a. EAX, EBX, ECX, EDX, ESP, EBP, EDI, and ESI
- ☐ b. AX, BX, CX, DX, SP, BP, SI, DI, CS, DS, ES, SS, FS, and GS
- ☐ c. AL, AH, BL, BH, CL, CH, DL, and DH
- ☒ d. RAX, RBX, RCX, RDX, RSP, RBP, RSI, RDI, and R8-R15

Question **17**

Complete

Mark 1.00 out of 1.00

List the 8-bit registers that are used for register addressing.

Select one:

- ☐ a. AX, BX, CX, DX, SP, BP, SI, DI, CS, DS, ES, SS, FS, and GS
- ☐ b. EAX, EBX, ECX, EDX, ESP, EBP, EDI, and ESI
- ☐ c. RAX, RBX, RCX, RDX, RSP, RBP, RSI, RDI, and R8-R15
- ☒ d. AL, AH, BL, BH, CL, CH, DL, and DH

Question **18**

Complete

Mark 1.00 out of 1.00

What does the following MOV instruction accomplish: MOV AX,BX

Select one:

- ☒ a. The contents of BX is copied into AX
- ☐ b. The contents of AX is copied into AX
- ☐ c. The contents of AX is copied into BX
- ☐ d. None of the Above

Question **19**

Complete

Mark 1.00 out of 1.00

What does the following MOV instruction accomplish: MOV BL,CH

Select one:

- ☐ a. The contents of BL is copied into CH
- ☒ b. The contents of CH is copied into BL
- ☐ c. The contents of BL is copied into BL
- ☐ d. None of the Above

Question **20**

Complete

Mark 1.00 out of 1.00

What does the following MOV instruction accomplish: MOV BX,AX

Select one:

- ☐ a. The contents of BX is copied into AX
- ☐ b. The contents of AX is copied into AX
- ☒ c. The contents of AX is copied into BX
- ☐ d. None of the Above

Question **21**

Complete

Mark 1.00 out of 1.00

What does the following MOV instruction accomplish: MOV ESP,EBP

Select one:

- ☒ a. The contents of EBP is copied into ESP
- ☐ b. The contents of ESP is copied into EBP
- ☐ c. The contents of ESP is copied into ES{
- ☐ d. None of the Above

Question **22**

Complete

Mark 1.00 out of 1.00

What does the following MOV instruction accomplish: MOV RAX,RCX

Select one:

- ☐ a. The contents of RBX is copied into RAX
- ☐ b. The contents of RAX is copied into RCX
- ☒ c. The contents of RCX is copied into RAX
- ☐ d. None of the Above

Question **23**

Complete

Mark 1.00 out of 1.00

What is the ASCII code for the Enter key?

Select one:

- ☒ a. 0D
- ☐ b. 0C
- ☐ c. 1C
- ☐ d. 0E

Question **24**

Complete

Mark 1.00 out of 1.00

What is Unicode?

Select one:

- ☐ a. 8-bit alphanumeric code used with Windows
- ☒ b. 16-bit alphanumeric code used with Windows
- ☐ c. 32-bit alphanumeric code used with Windows
- ☐ d. None of the Above

Question **25**

Complete

Mark 1.00 out of 1.00

What is wrong with the MOV BL,CX instruction?

Select one:

- ☐ a. CX is a special write only register
- ☒ b. Register size must be equal
- ☐ c. Nothing
- ☐ d. None of the Above

Question **26**

Complete

Mark 1.00 out of 1.00

What is wrong with the MOV DS,SS instruction?

Select one:

- ☒ a. You may not specify mixed register sizes
- ☐ b. DS is a special register
- ☐ c. Nothing
- ☐ d. None of the Above

[◀ Quiz 1B](#)

Jump to...

[Quiz 3 ▶](#)