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Help INPUT AND OUTPUT AND THE CONTROL UNIT 2:07 / 2:07 1.0x Download transcript .txt **Show Discussion** New Post

## 1. CHECK YOUR UNDERSTANDING (1/1 point)

Courseware

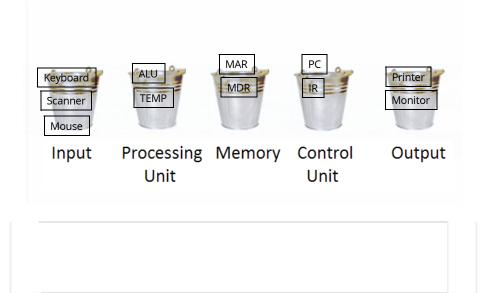
How to Use Jade

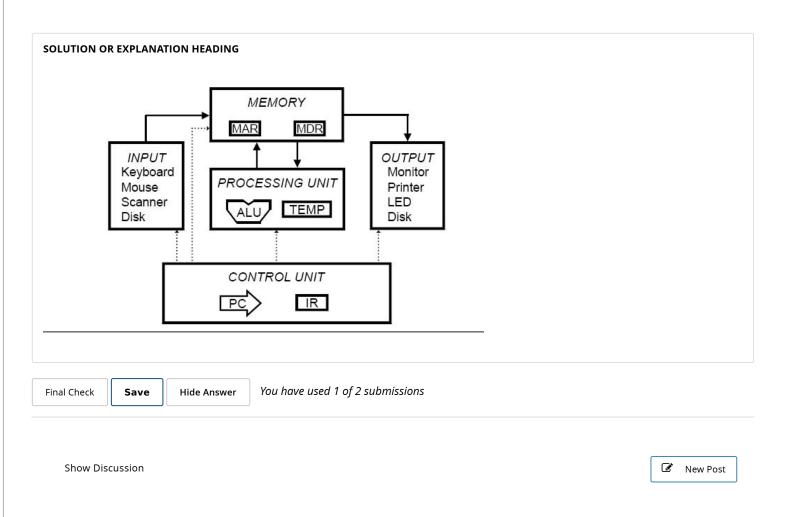
**Course Info** 

Discussion

Using your mouse, drag and drop each word to the bucket that indicates the section of the processor in which it belongs. Dragging and dropping is performed by clicking and holding down the left mouse button on the word, and while holding it down, moving the word to the bucket. At the bucket, release the left mouse button and the word will be remain where it was released.

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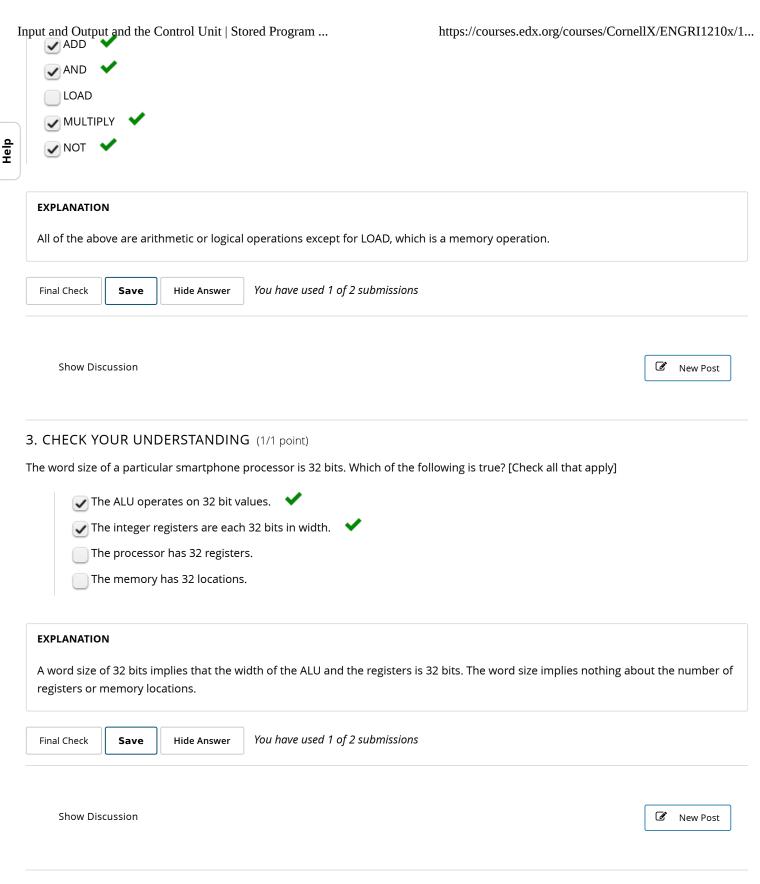




## 2. CHECK YOUR UNDERSTANDING (1/1 point)

Which of the following operations could be performed by an ALU? [Check all that apply]

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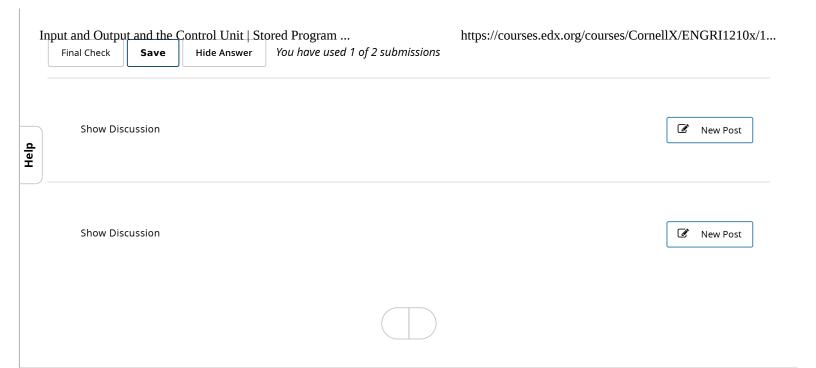
## 4. CHECK YOUR UNDERSTANDING (1/1 point)

Which of the following correctly describe the MAR? [You must check all that apply to earn credit.]

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Input and Output and the Control Unit   Stored Program https://courses.edx.org	s/courses/CornellX/ENGRI1210x/1
The MAR holds the address where data is to be written for a STORE instruction.	
The MAR holds the address where data is to be read for a LOAD instruction.	
EXPLANATION	
The MAR register is part of the Memory in a von Neumann machine. It holds the address for both a	LOAD and a STORE.
Final Check Save Hide Answer You have used 1 of 2 submissions	
5. CHECK YOUR UNDERSTANDING (1/1 point)	
Which of the following correctly describe the MDR? [You must check all that apply to earn credit.]	
▼ The MDR is part of the Memory in a von Neumann machine.	
✓ The MDR holds the data to be written to memory for a STORE instruction. ✓	
▼ The MDR holds the data that is read from memory for a LOAD instruction.	
EXPLANATION	
The MDR register is part of the Memory in a von Neumann machine. It holds the data for both a LOA	AD and a STORE.
Final Check Save Hide Answer You have used 1 of 2 submissions	
Show Discussion	☑ New Post
6. CHECK YOUR UNDERSTANDING (1/1 point)	
The Program Counter (PC) holds the of the executed.	
Choose the option that correctly fills the first and second blanks.	
<ul> <li>memory address, next instruction to be</li> </ul>	
memory address, current instruction being	
data, next instruction to be	
data, current instruction being	
EXPLANATION	
EN ENVAILUE	

The PC holds the memory address of the next instruction to be executed.  $4\ of\ 5$ 





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