

• 문항 선택

1

2

3

4

5

6

한 문제씩 검토

검토 완료

강의실 홈

강의정보 ▼

- 교수계획표 (국문)
- 교수계획표 (영문)

성적/출석관리 ▼

- 동영상이수현황
- 스마트출석부
- 성적부

수강생 알림 ▼

- 쪽지 보내기

기타 관리 ▲

학습활동

🏠 / 프로그래밍원리와실습 (CB16702-003) / [Q1-2:14]

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진행 상황	종료됨
완료 일시	2022-09-08 19:03
소요시간	8 시간 29 분
성적	최고 14.00점 중 11.83점 (85%)

문제 1  
부분적으로 맞음  
총 6.00 점에서  
4.33 점 할당  
🚩 문제 표시

Determine O/X (True/False)

- Ambiguity is an important reason why one cannot program a computer in English. ☐ X ☒
- Python is a natural language. ☒ X ☒
- A higher-level programming language can instruct a computer to compute more than a lower-level programming language. ☒ X ☒
- For each ISA there is exactly one micro-architecture which implements that ISA. ☒ O ☒

Choose the most proper one.

- An algorithm is a step-by-step procedure characterized by :

- ☐ finiteness    ☐ effective computability    ☐ definiteness    ☒ all of the left ☒

총 1.00 점에서 1.00 점 할당

정답 : all of the left

- A program can be translated into the ISA of a processor by means of:

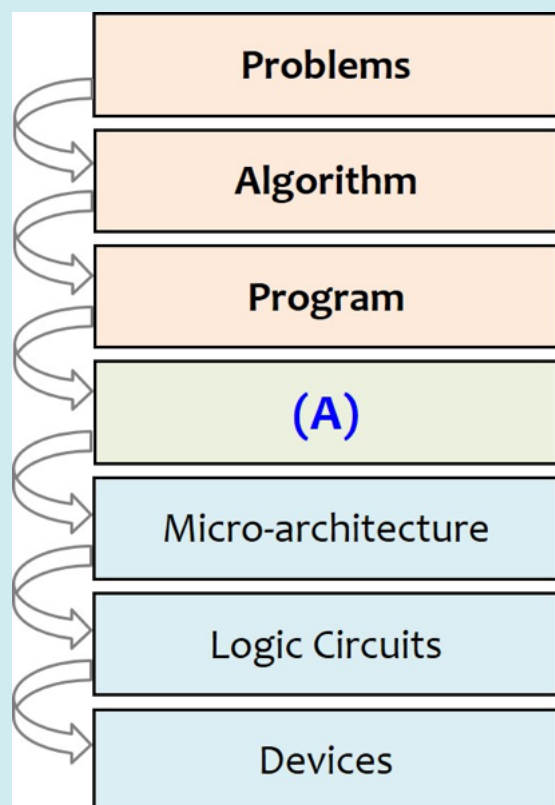
- ☒ a compiler ☒ an assembler    ☐ an interpreter    ☒ all of the left ☒

총 1.00 점에서 0.00 점 할당

정답 : all of the left

Fill in Blanks

- A computer system consists of Hardware and  ☒
- Computer is a  ☒ computing device. It is not limited limited to perform only a specific computation, It can perform any computation.
- In essence, a computer program is a sequence of  ☒ and related data.
- An Instruction consists of  ☒ and operands.
- The idea of universal computing device is due to  ☒  ☒.
- ☒ makes natural language unsuited for writing computer programs, because the computer would never know which was several meanings the programmer intended
- ☒ are step by step procedures, whose steps are definite and effectively computable, and the entire procedure is guaranteed to terminate.
- If a procedure contains the statement "a bunch of grape," the procedure lacks  ☒. Write a property of an algorithm that the procedure lacks.
- If a procedure contains a statement that can not be carried out by a computer, the procedure lacks  ☒. Write a property of an algorithm that the procedure lacks.
- If for some inputs, a procedure never terminates, the procedure lacks  ☒. Write a property of an algorithm that the procedure lacks.
- Write a proper acronym for the blank (A) in the figure below.  ☒



- x86, PowerPC and SPARC are all examples of  ☒

문제 2  
정답  
총 1.00 점에서  
1.00 점 할당  
🚩 문제 표시

Represents 1187 (in decimal)

- in Binary :  ☒  ☒  ☒
  - Write 4 binary numbers in each input: Ex) 1100
- in Hexa : 0x  ☒  ☒  ☒
  - Write one hexa number (0~F) in each input

문제 3  
정답  
총 1.50 점에서  
1.50 점 할당  
🚩 문제 표시

In terms of Programming Language classification, fill in the blanks with proper words

- ☒ language : A binary code unique to each CPU
- ☒ language : Binary code replaced by human-readable symbolic code (mnemonics)
- ☒ language : It is expressed in English-like syntax and is easier for people to read and write

문제 4  
틀림  
총 0.50 점에서  
0.00 점 할당  
🚩 문제 표시

☒  ☒ : The usability of the same software in different environments or The level of modification or change required to make the available to other machines/platforms.

문제 5  
정답  
총 2.00 점에서  
2.00 점 할당  
🚩 문제 표시

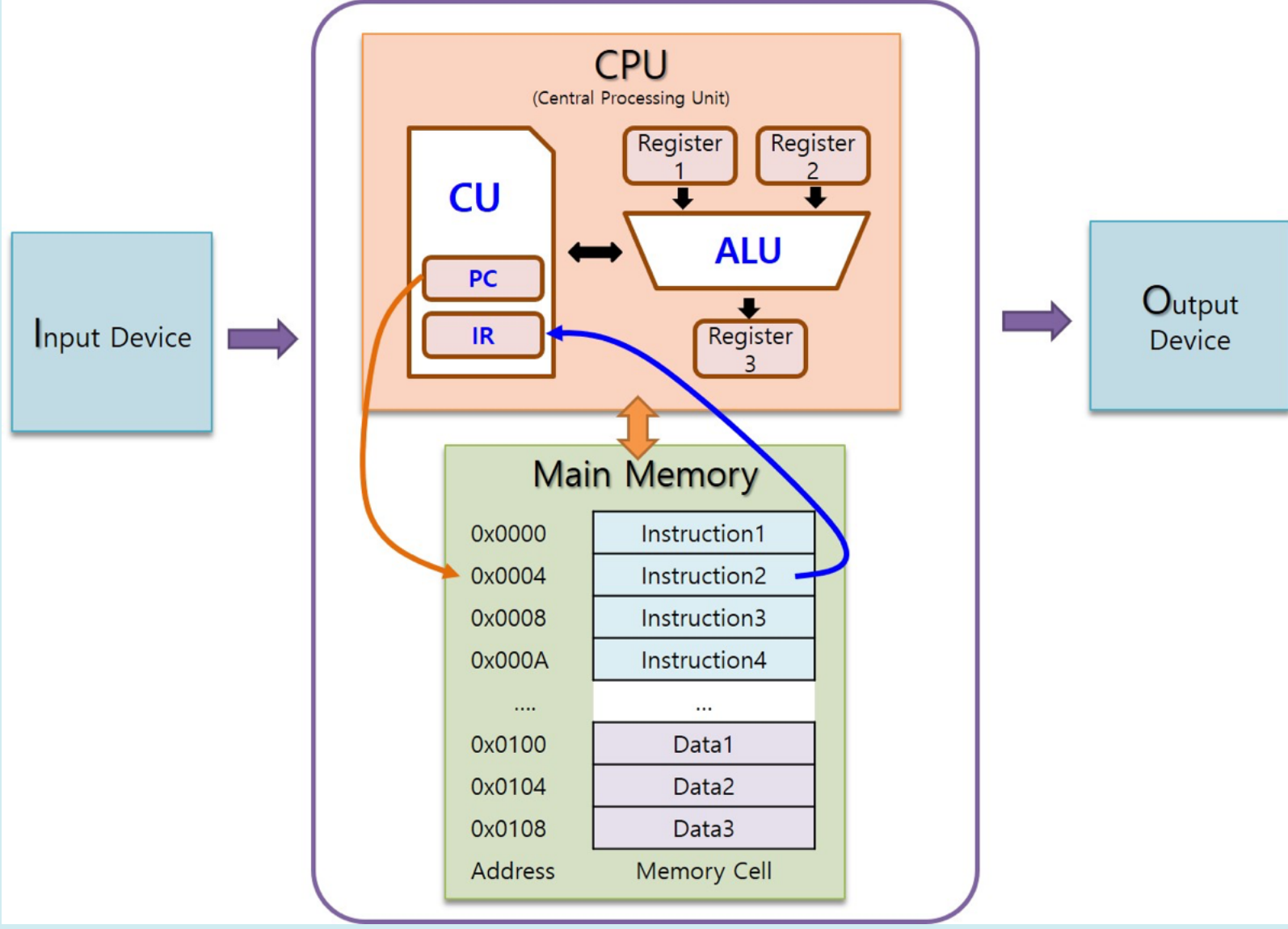
Determine O/X (True/False)

- C language combines the characteristics of a high-level language (easy) and the strengths of a low-level language (fast and efficient) ☒ O ☒
- C language has high portability, so we do not compile again even if the target CPU is changed ☒ X ☒
- C language is a compiled language ☒ O ☒
- C language is established as international standards ☒ O ☒

문제 6  
정답  
총 3.00 점에서  
3.00 점 할당  
🚩 문제 표시

In a Von Neumann Architecture

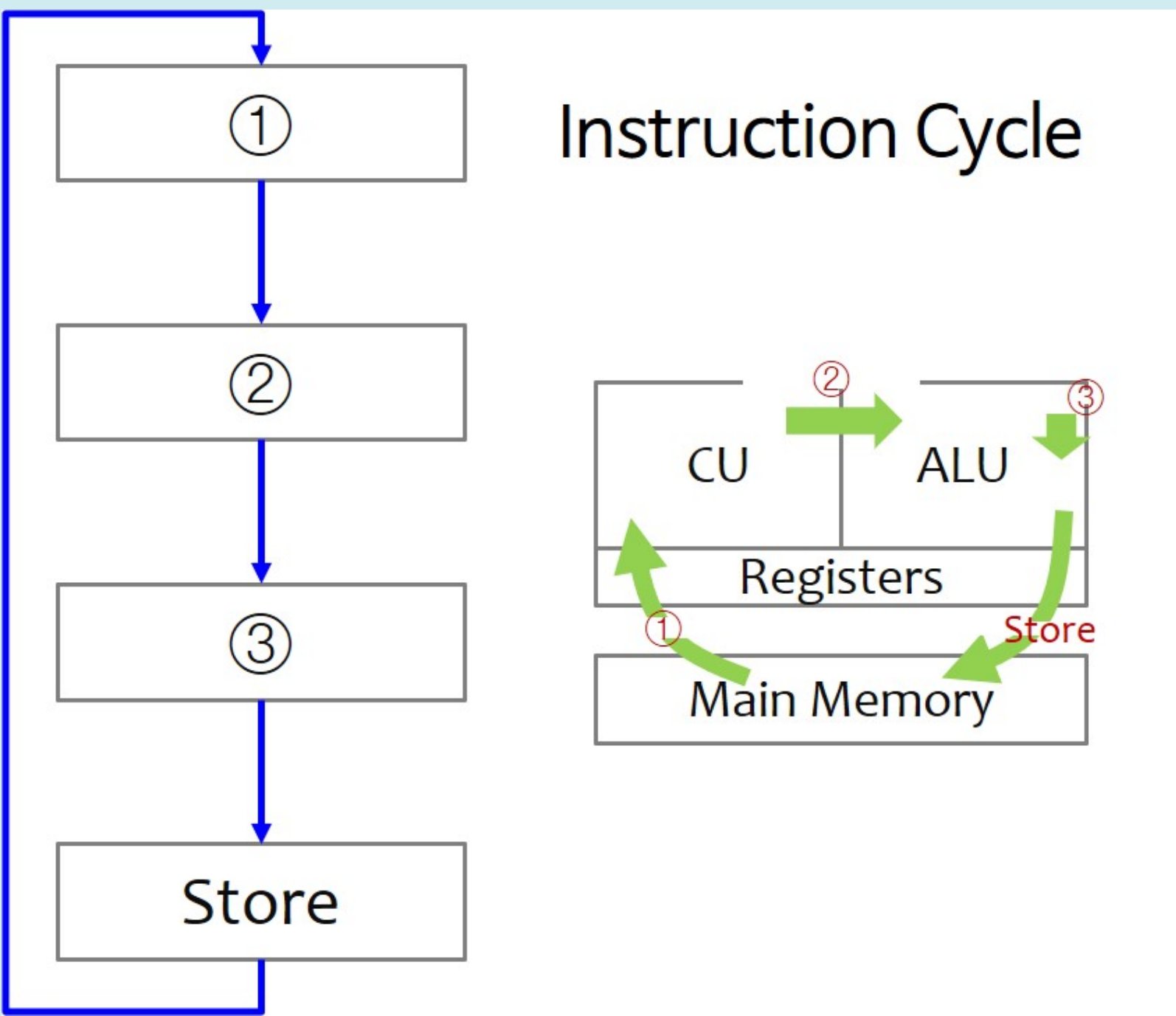
- ALU stands for  ☒ and  ☒ Unit and it performs arithmetic and logic operations.
- CU stands for  ☒ Unit and it interpreting Instructions.
- IR stands for  ☒ Register and it holds the instruction currently being executed or decoded.
- PC stands for  ☒ Counter ☒ and it holds the memory address of ("points to") the next instruction that would be executed.



Instruction Cycle

- Write proper words for the following figure describing Instruction Cycle.

- ☒
- ☒
- ☒



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