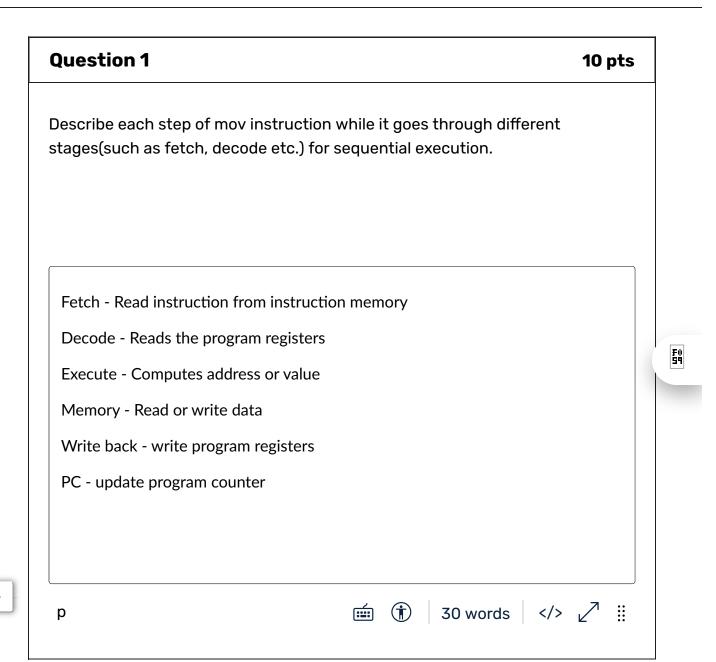
## Exam 2 - Part B (short questions)

Started: Nov 29 at 9:12am

## **Quiz Instructions**



Question 2 10 pts

What is the difference between RISC and CISC?

1 of 5

RISC - Reduced Instruction Set Computer - If ISA has a set of attributes that allows it to have a lower CPI than CISC then the computer is considered RISC. RISC computers have simple and general instructions unlike CISC computers that are more complex. Another common RISC feature is that they use load/store architecture meaning they access memory only with specific instructions not as a part of most instructions.

CISC - Complex Instruction Set Computer is a design where one instruction can do a bunch of different tasks at once like loading from memory, an arithmetic operation and a memory storage. Therefore, it a processor design which is capable of giving one command that does multi step operations.

p





116 words </> </> :







**Question 3** 10 pts

What is the principle of Locality? Explain.

2 of 5 11/29/23, 9:37 AM Locality is a fundamental property of computer programs which bridges the CPU-memory gap. When programs use instructions and data which includes addresses near or equal to those they have used recently is called Principle of Locality.

p











**Question 4** 10 pts

3 of 5 11/29/23, 9:37 AM