

1. (10 pts) Name a computer/machine/person from history and tell me about its/their contribution to technology. (1 or 2 sentences)

Anything I lectured about or you researched.

2. (60 pts) Label the units/devices in the diagram for the von Neumann architecture given below (10 pts each):

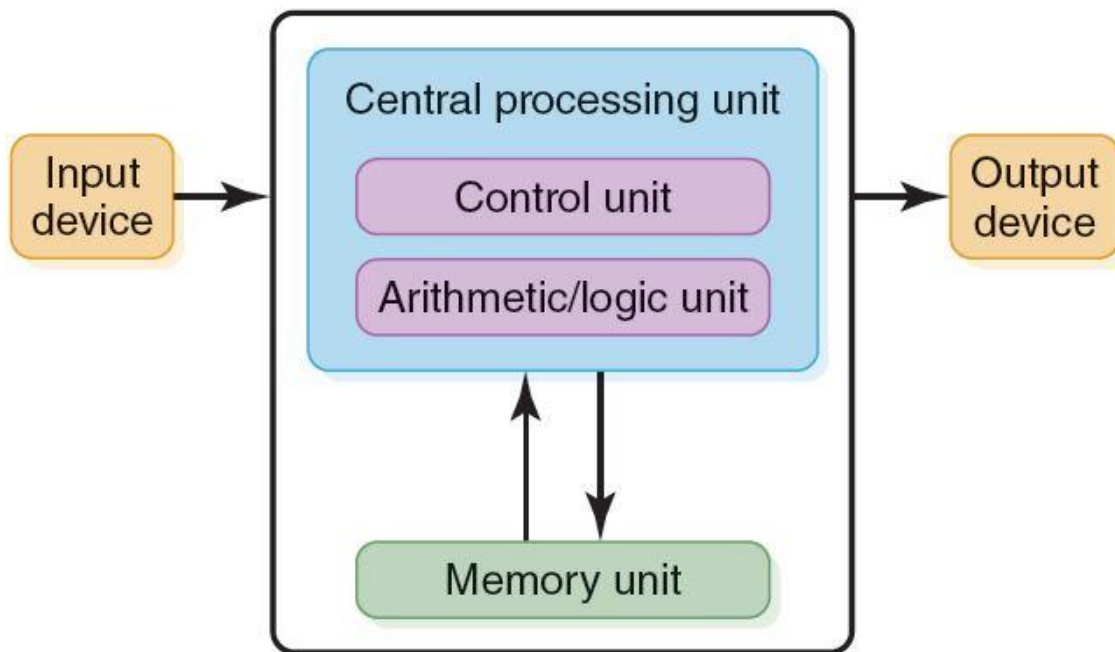


FIGURE 5.1 The von Neumann architecture.

3. (30 pts) Which of the following Java identifiers are legal and which are not? Why or why not? (10 pts each)
- a. `employeeName` – Legal and preferred. All letters and begins with a lowercase letter
 - b. `$sold` – Legal. The \$ is an accepted character and can be at the beginning.
 - c. `student-Id` – Not Legal. The - is not an accepted character.