

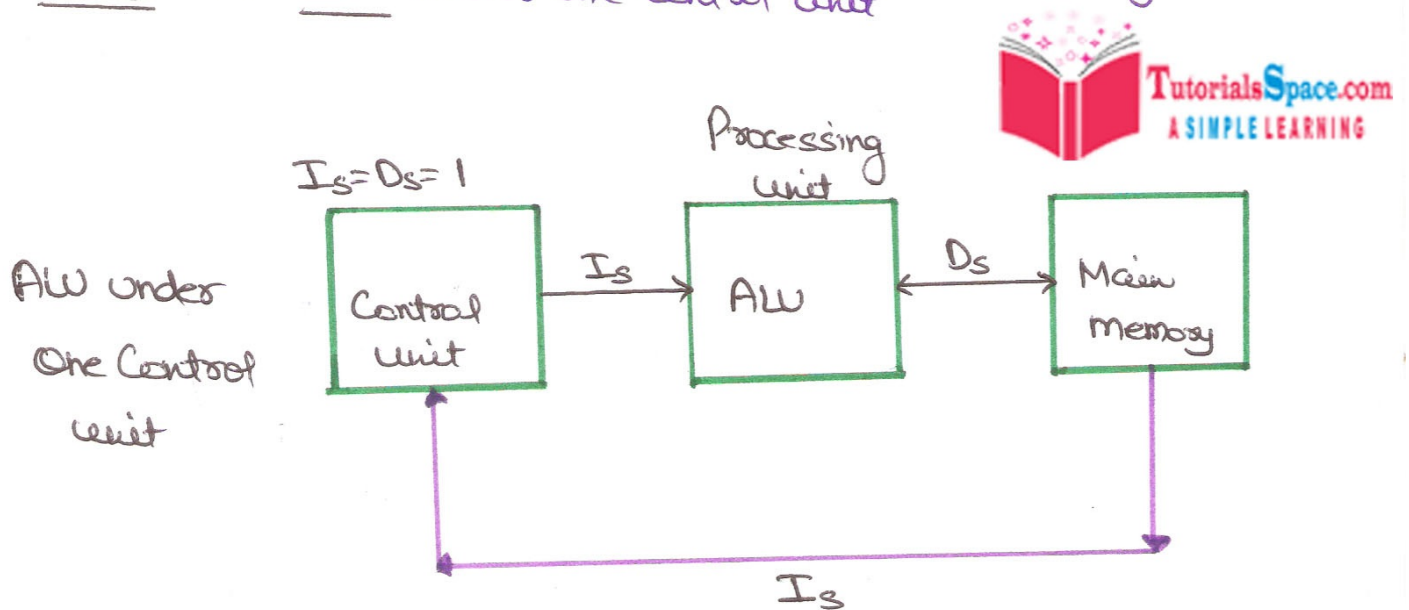
FLYNN'S CLASSIFICATION:-

Flynn's Classification is based on Multiplicity of Instruction Streams and data streams observed by the CPU during program execution.

Let I_s and D_s are minimum number of streams flowing at any point in the execution, then the Computer Organisation can be categorized as follow:-

1) Single Instruction and Single Data Stream (SISD)

In this Organization, Sequential execution of instructions is performed by one CPU containing a Single processing element (PE), i.e., ALU under one Control unit



"Therefore, SISD Machine are Conventional Series Computers that process only one stream of Instructions and one stream of Data." **Ex:-**

- CDC 6600
- CDC 7600
- Amdahl 470/6
- Cray-1