

FLYNN'S CLASSIFICATION OF COMPUTERS

Flynn's Classification of Computers was based on new Concept which is Instruction Stream & Data Stream for parallel

Computing. All the Computer classified by him is not parallel Computer.

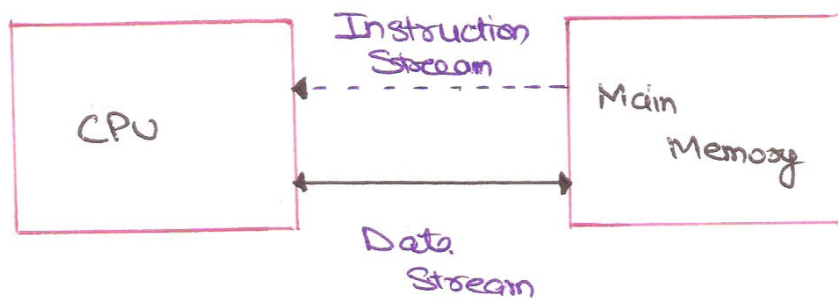
Instruction Stream & Data Stream :-

- The term 'Stream' refers to a sequence or flow of either instructions or data operated on by the Computer.
- In the Complete Cycle of Instruction execution, a flow of instructions from main memory to the CPU is established. This flow of instruction is called Instruction Stream.
- Similarly there is a flow of operands between processor and memory bi-directionally. This flow of operands is called data stream.



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It can be said that the sequence of instructions executed by CPU forms the Instruction Streams and sequence of data (operands) required for execution of instructions forms the Data Streams.

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