J- Définition Von Neumann Architecture. Monday, 5 July 2021 1:20 PM - Fetch Decoder Execute ayele - YN Architecture - Computer Architecture - Architecture - Idea of Stored Program. - Buss. Data & Instruction Definition: - Both- the inst. & the dates are indistinguishle when they are in Dinary form and should be kept in Same maiss memort. - Use 7 input, output à strage durices - 9t is a single procenor made up of control
unit(cu), nemmy unit (mu) & anithmetic & Logic unit (AZU). - 94 is a Sevial machine MAR 50 Content 15. Inst. Date. Regisles: Program Counter (PC): 9t holds the address of Next inst.

Memory Address Register (MAR): 9t holds the add. It add. It address the Correst inst.

Correct inst. General inst.

Memory Data Register (MDR): Inst. at the address mentioned in MAR arrives in MDR. 9t is to address. MDR. 94 is to gateway byw processions and memory. Accumulator: A general Purpose registic that respect inferim
duted Fetch Decode Brewle Englis 12. Pc holds les add. 7 rest. inst. 2. Add. from 9c goes to MAR.

3. PC increases itself by 2.

4. MDR receives 125 instruction whose add. is

Serred in MAR.

5. From MOR current just. goes to CIR.

(C) 10 117: 33 7. CIR deades à exertes les correct inst. Busis: 9t is used to send control signels. B'i - directional 9t carries It address to more datu finst. Dat & furt blu Procencer & main memory. Uni-directional one-way. Data Bus: 94 convien 125 dates & instructions Du processer & main menny. Bi-directional Two- Lim