-xecute

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 It changes the state of the machine only at a specific location
 involving little data.
- At most two registers or one register and one memory location are modified by an instruction.
 - Every instruction modifies the **PC**.
 - Instruction which modify **data** (another register or memory location) have trivial control flow (PC to next instruction).
 - Control-flow instructions have a more sophisticated **control flow**, that is, the change the PC using relative or absolute addressing.

Execute

semantics: 64-bit unsigned addition with wrap-around semantics

- Example **ADDI**:
 - Bits in \$rd are overwritten with \$rs1 + imm.
 - PC = PC + INSTRUCTIONSIZE.
 - Used for initialization loading constants into registers.

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