Next Step Towards Assembly Language

* Engaged or not engaged wires

MIPS Assembly real psuedo

* We use assembly language instead of manually doing binary code to run programs

Example

* GET

Program Execution

* Last thing OS does before giving power to code, it puts executable in CPU, the compiler code

Why study assembly language

* Cant do things without assembly
  + For example memory
  + When using small amout of memory
  + exec