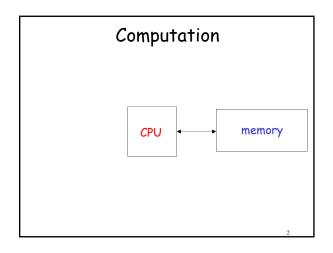
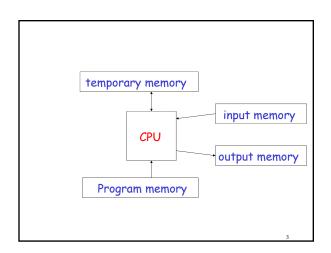
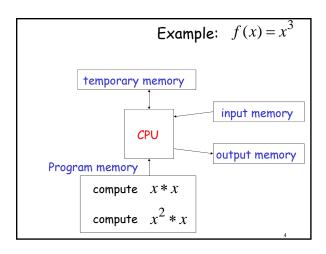
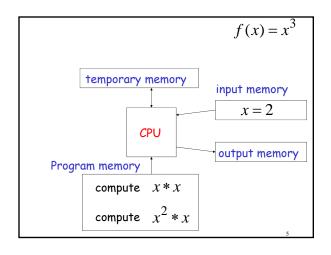
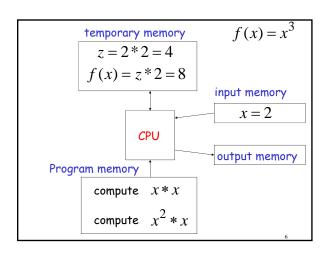
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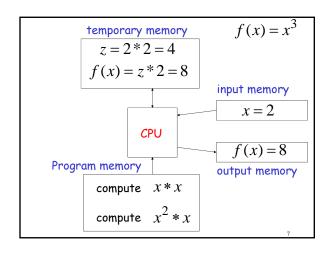


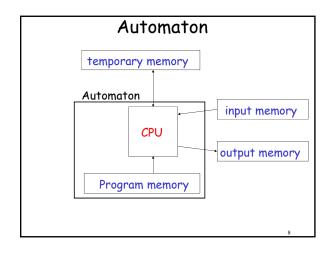












Different Kinds of Automata

Automata are distinguished by the temporary memory

• Finite Automata: no temporary memory

· Pushdown Automata: stack

• Turing Machines: random access memory

Finite Automaton

temporary memory

input memory

Automaton

output memory

Example: Vending Machines

(small computing power)

