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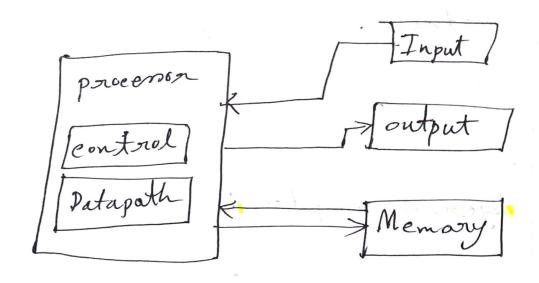
Softmane operating system Interfaces

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Five Classic components of a computer



The five dassie components of a computer are input, output, memory datapath, and control with the last dro sometimes combined and called the processor.

Dotapath: The component of the processor that performs withmetic operations.

Q. What is computer architecture?

Am: The relation between software layer, hardware layer and particular Instruction set is called computer architecture.

Computer Architecture = Instruction Set architecture+Machine organization figure: hevels/layers of computer Architecture

Application

Compiler = Operating system > Firmware

I stagget in set Architecture

Operating system -> Firmwore

V

Instruction set Architecture

I/o system

Ditapath & control

V

Digital design

circuit design

Layout

Computer Architecture is · Coordination of many levels of abstraction · Under a rapidly changing set of forces · Design, Measuriement, and Evaluation. figure : herebylayers Application and the Britishes Interpate of entrol

Intraction set ARCHITECTURE (sub set of computer Arch.):

The interface between the hardware and lowest level software is ealled instruction set architecture.

Instruction set architecture 20 2708 (91727)

A general purpose computer	has 3 parts first sheet
1. processor: The brain	first sheet
2. Primary storage: memory ar	RAM
3. Input and output writ: I/o	
Input Soutput	The state of the s