2nd Half

Multi-task.

Wu Jiang

4 consoles & w/ screen & keys

HW registers.
Each terminal is a set of registers

Lose one char if input two.

bad design

F820

In

CMP/status

Data

F824

out

CMP/status

Data

F828

Stack

Heap

code
4 programs have different address off Memory.

Single task PC: (MS-dos).
Every program has the same address to Memory.

- Loading
- Compile once
- Run it different address

Different address ↔ diff programs.

Table indicates which program is in which location.
input on... Switch between P1...P4 on calling getkey.

Data on stack
Pointer of the stack

Push Regist to stack.

Context switching

Call SUBR (Subractive)