

(5)



Any memory address accessed by the program, $\#m$

$$\text{base} + \text{bound} > \#m > \text{base}$$

Stack pointer, heap pointer
 Sp Hp

⑥

- ① Cache - L1, L2, L3 - -
- ② DRAM
- ③ DISK → hard drives
- ④ Registers.
- ⑤ I/O storage → CD,

4, 1, 2, 3, 5.

code > global,
local data,
dynamic variables,

Code → partially cache } constants
" DRAM } Main memory.

global → Main memory dedicated location
It should not be de allocated.

local data → Stack.

factorial (n) {

return (n * factorial (n-1));
}

