

wed

in the beginning  
↑

① C preprocessor looks for #  
↑  
special character for

② % special character for printf  
scanf

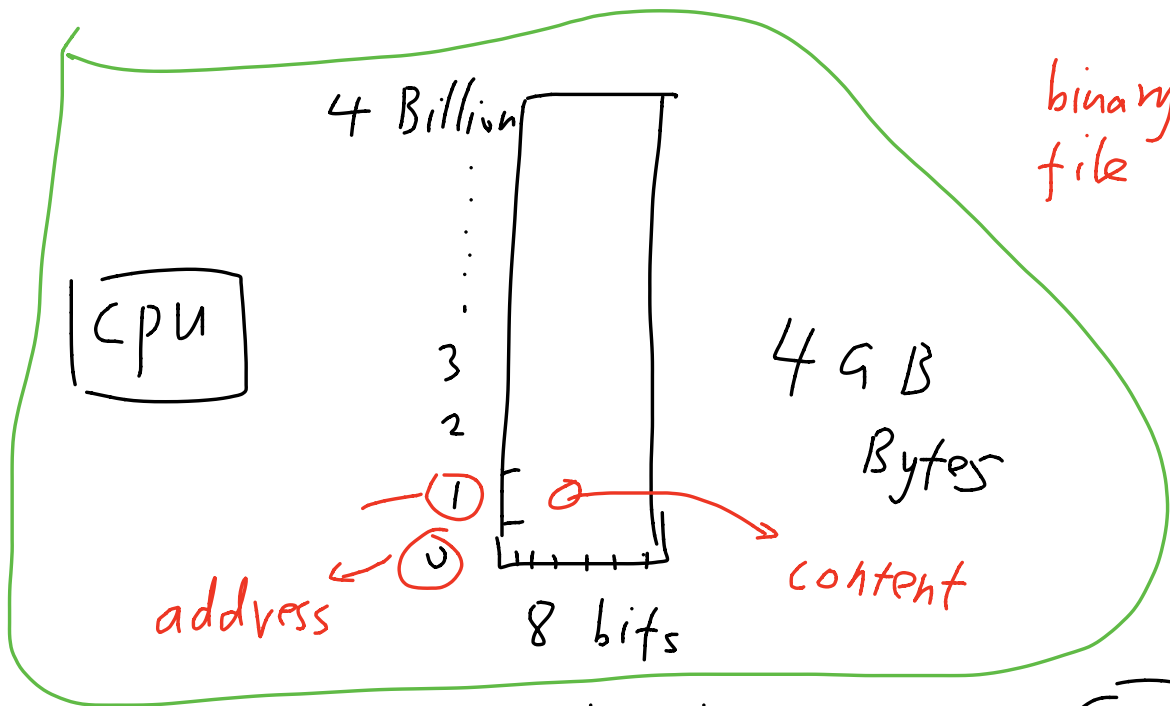
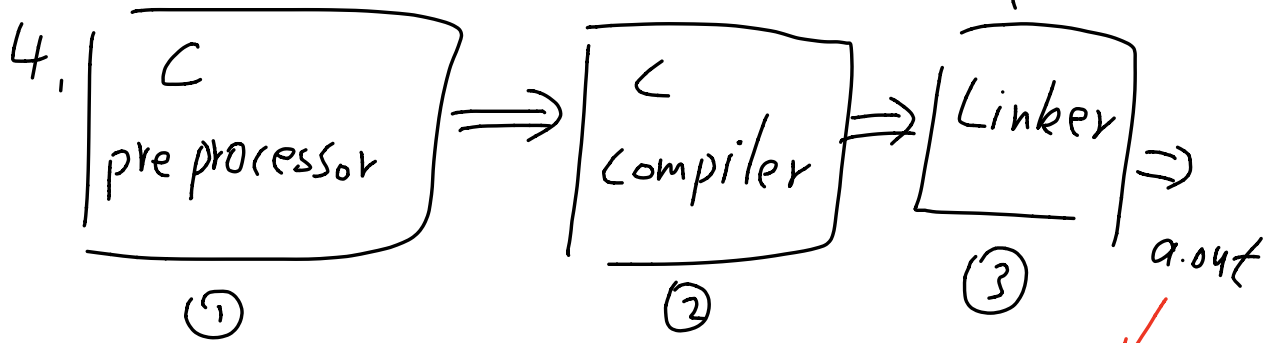
printf (" %d plus %d = %d ", x, y, z);

③ library ← static library  
dynamic library

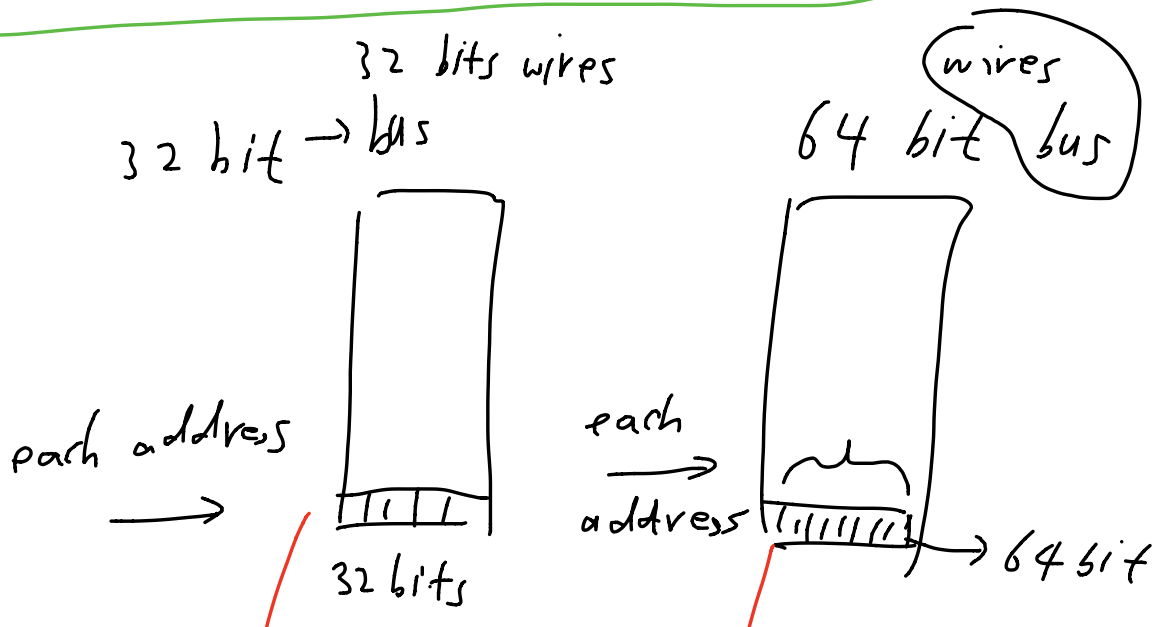
printf ( )  
scanf ( ) (in a file not in mem)  
binary file already there  
link with main

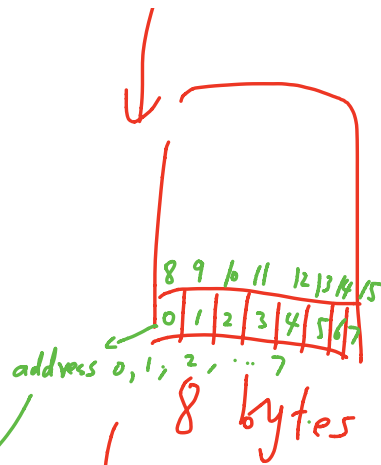
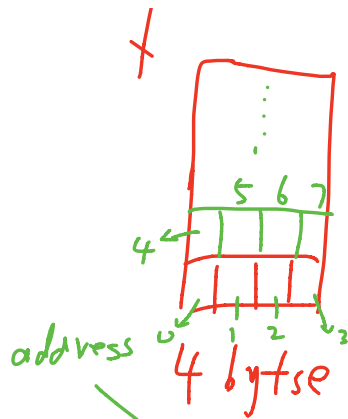
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execver: Loader  
system call



binary file

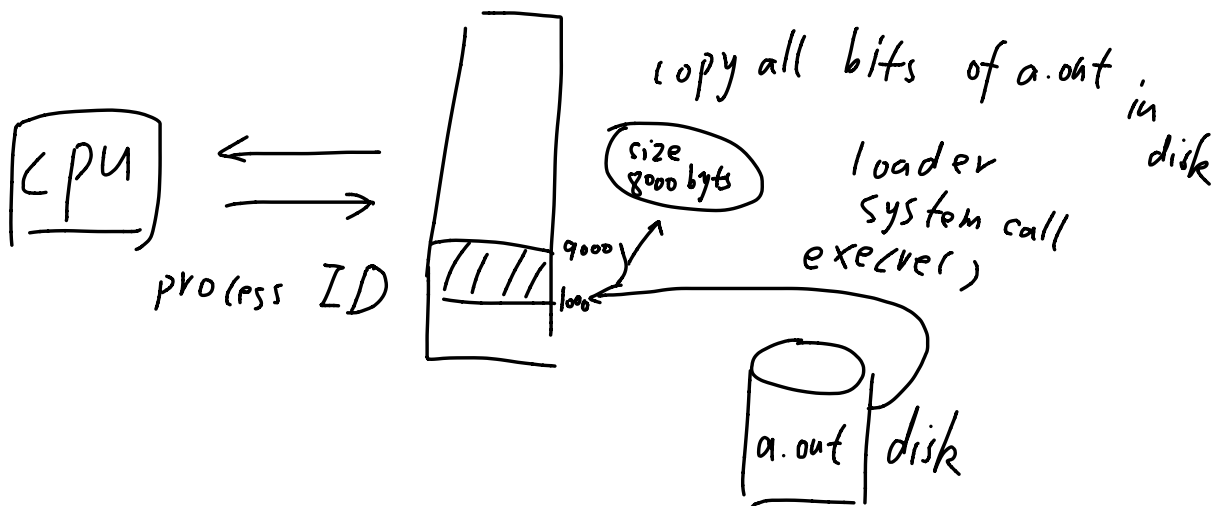




each address is 8 bits

bus. each fetch  
get 1 word = 4 bytes

bus. each fetch  
get 1 word = 8 bytes



cpu first know start address  
① 1000

② fetch code

③ decoding, interprets

④ execute

update address /00/

or goto statement