

R0 = DISPLAY_BASE, R9 = BUTTON_BASE, R11 = TIMER_BASE
R12 = 200M, R5 = 0 -> string length
Set load register of the timer and config bits
Set current input status flag
Load first item's address in CHAR_SET to R1
Set input register as R2, string character iterator
as R3

init

SET_WORD

CHECK_PAUSE

SET_SPEED

PRINT_STRING

MAIN