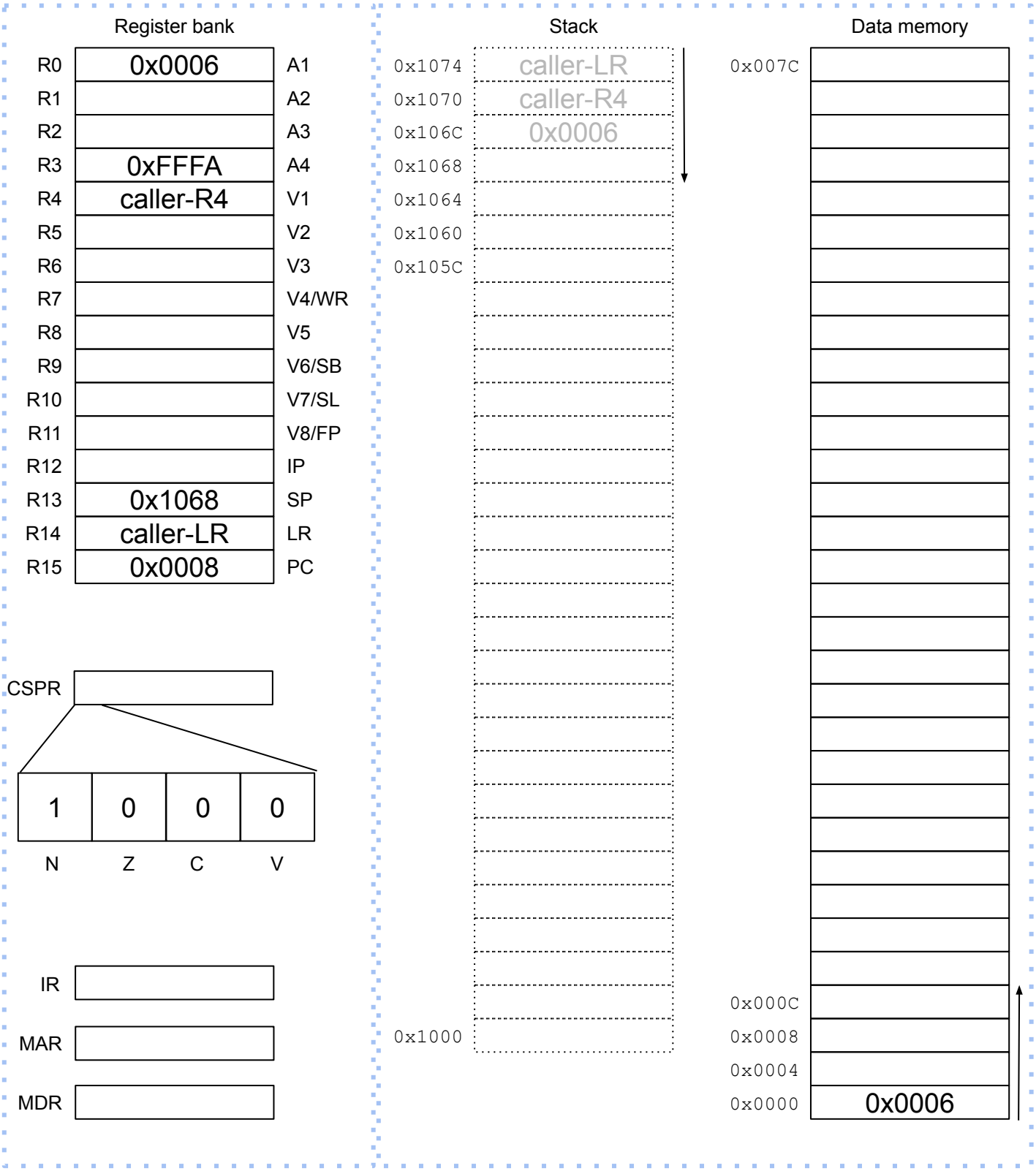
Assembly programmer's model of a computer

(All registers and memory locations are 4 bytes wide)



COMMENTS:

Reversed subtracted 0x0006 from zero and updated the flags of N to 1 because the resultant was a negative. Resultant would be negative 6 which in hexadecimal is 0xFFFA