A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

For this timing diagram, we load 1458 into register A and for vesp 2.0 we need to store “h’000” into MAR. Then, we pass the value into MDR with “h’05B2.” Next, we increase “h’05B2” by one to “h’05B3” and shift right. Last, we halt the program.