1. A byte is 8 bits, and a four-bit quantity is a nibble. If a byte-addressable memory has a 14-bit address how many nibbles of storage does it hold?

2. Using the 68K shift instructions what happens after each of the following instructions assuming that D0 contains 0x0732BF73 and D1 contains 0x00000003 at the start of EACH instruction?

   LSL.B #5, D0
   ASR #2, D0
   LSR #1, D0
   LSR D1, D0

3. Write a 68K assembly program which converts a 32-bit word stored in memory to its ASCII equivalent string and then prints the string out.