Read 3.3, 4.1-4.6, 4.8. Take a look at 3.1, 3.2.

Do Chapter 2 #1, 23, 24. Do Chapter 3 #4bcd.

1. The condition code register contains $15 just before the instruction BEQ $3000 executes. Does the branch take place?

2. Convert the following 68000 assembly language instructions to machine language. Give the answer as one or more hexadecimal words:

   MOVE.W D5,$8200
   CMP.L A2, D5
   ROL.B #1, D6
   JSR $B14
   TRAP #1
   BNE $803C (assume this instruction is stored at $8010)