1.6.13

a) $51_{16} =$ 5 1 $51_{16} = 1010001_2$
         0101 0001

b) $125_{16} =$ 1   2   5 $125_{16} = 100100101_2$
              0001 0010 0101

c) $A_{16} = 10_{10} = 1010_2$

d) $25_{16} =$ 2   5 $25_{16} = 100101_2$
             0010 0101

1.6.14

$BDD_{16} =$ B   D   D $BDD_{16} = 5735_8$
           1011 1101 1101
             5 7   3   5

ACC_{16} A   C   C   101011001100 $ACC_{16} = 5314_8$
          1010 1100 1100   5 3 1 4

1.6.15

a) 11111111_2 1111 1111 $11111111_2 = FF_{16}$
                     15   15
                     F   F