Zarin Bhuiyan Comparch HW #3

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1011011 4- 91,0 to binary

0123456789 ABCDEF

C6 = (12 x16) + (6 x 16°) = 198 + C616 to decimal

2. 118 - 1110

118 01234 561

 $(1*8') + (1*8°) = 9 \leftarrow 11_8$  to decimal  $1001 \leftarrow 11_8$  to binary

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TII,0 to bivary -0 1011 - 0100 -0 0101
     _ 1001
   + 0101
1110 - 0001 +1 - 0010
   12.3125 + 0110 IZO2 = 13.8125
            4 1.5 in decimal
    0.3125 +2 =0.625 -> 1100.0/01 4 12.3125,0 in binory.
        100.0101
        +0110,0000
        (1)0010.0101
         01101.1101 = [13.8125]
4. 5.75,0+(7.125,0) = 3203
                    111,001 7 000.111 = -7.125
  101,40 =
           11
           101.110
         111,000 }
           110.101 - 001.011 = -1.375
```

E1.375

0101 -> 1010+1=> 1011 -> -5 in binary 0110 -> 1001+1=> 1010 -> -6 in binary.

0011110 - since signs were same at the start, this number is positive.