1's complement and 2's complement

1's complement

The one's complement of a brazily rumber is found by changing all o's to 1's and all 1's to 0's.

Ex: i) 01101101001

It's ist complement is 10010010110

1)11100010

i's complement is opposited

100011100 1

is complement is 111000110

2's complement: The 2's complement of a binary number is found by first taking the is complement and then adding 'I' to the result.

Ex: 1) 00011010

St 1: Find 1's complement

3121

Alding 1

111000101

1

11100110

12 12

11100110 it is sis complement.

iij 110110000 .

st 1: Find its is complement

= 001001111

St 2: Adding 1

001001111

00 1010000

51 2:

001010000 it is 2's

complement.