## DLD-Amignment #01

30P-0648: 30P-CS (3D)

	Signed Magnitud		
Num:	form	1's complement	2's complement
7	0111	60000111	@0010111
6	0110	000010110	00100110
5	0101	0101	0101
. Ч	0100	0100	0100
3	0011	0011	0011
2	0010	00 10	0010
\	10001	10001	10001
_ 0	0000	0000	0000
-1	1000		1000
- 3	1010	1101	1110
-3	1011	1100	1101
4	1100	1011	1100
-5	1101	1010	1011
-6	1110	1001	1010
	1111	1000	1001
8	1000		1000.
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		M.	THE SECTION OF THE PROPERTY OF
	Kash	iz Oli	
	201-0	6.48	
			And the American Control of th

QHO9:- Convert- 110111101-1011 bimary \_\_ number to decimal number using sum of weight and seperated division.
multiplication method.  $28+27+26+25+24+3^2+3^2+2^1+20$ .  $2^1+2^2+2^3+2^4$ Bits that are on are given bellow. 256+198+32+16+8+4+2+1.10.5+0.25+0.15 + 0.6625 445+0.6875 : 445.6875) Answer. 201-06 48:

65536+16384+4096+198+64+16+8+9+1

Now the praction Part will be 0.876×9-1
1.7059×9-1
1.504×9-1

= 10101000011011011.111 gluswer.

> 20 P-0648. Kaship Shi

QN03 Pant (b) 86935 2 43117-1 21558-1 10779-0 2 2 5389-2694-1 2 2 1347-0 673-2 2 336 — 168 --- 0 84-0 2 2 2 10 -1

, 10101000011011011-111

dr.

201-0648. Kashif Olli

GHO4: Convert- the Decimed number			
-419.390625 to a Binary Number.			
410 = 256+156			
= 256+198+28.			
= 256+198+16+19.			
> 956+198+16+8+4.			
110011100:			
Now.			
0.390625 x 2-0			
0.781250×9-1			
1.56250X2-1			
1.1250 × 2 0			
$0.1250 \times 2 - 0$			
0.50×2-1			
1.6			
So Binary toom is			
110011100.011001			
Rashy Illi 201-0648			
Scanned with CamScanner			



GNO S: Convert the Binary Number to Decimal Number

30+31+33+34+36+37+39+310+314+316+317+

: 36 8068 S751

201-0648. Karhiy shi