Course:	CIS-17A
Section:	Sec: 48593
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37.25 Base 10 to NASA FORMAT:

37.25 Base 10 is Equal to 25.4 Base 16

25.4 Base 16 is Equal to 00100101.0100

00100101.0100 is Equal to 0.1001010100 x 2^6

As 6 is Positive, we can convert directly, so, 6 Base 10 is Equal to 0000 0110 Base 2

0.100	1010	1000	0000	0000	0000	0000	0110	
4	A	8	0	0	0	0	6	**NASA FORMAT**

0.2 Base 10 to NASA FORMAT:

0.2 Base 10 is Equal to 0.3333…………. Base 16

0.3333…... Base 16 is Equal to 0.00110011001100110011

0.00110011001100110011 is Equal to 0.11001100110011001100 x 2^-2

as -2 is Negative, we apply 2's Complement method:

0000 0010   2

1111 1101 1's Complement

0000 0001 +1 to Generate 2's Complement

1111 1110

0.110	0110	0110	0110	0110	0110	1111	1110	
6	6	6	6	6	6	F	E	**NASA FORMAT**