

1. 42 → 0010 1010

	REM.
$42/2 = 21$	0
$21/2 = 10.5$	1
$10/2 = 5$	0
$5/2 = 2.5$	1
$2/2 = 1$	0
$1/2 = 0.5$	1

2. 451 → 0000 0001  
1000 0111

$451/2 = 225.5$	1
$225/2 = 112.5$	1
$112/2 = 56$	0
$56/2 = 28$	0
$28/2 = 14$	0
$14/2 = 7$	0
$7/2 = 3.5$	1
$3/2 = 1.5$	1
$1/2 = 0.5$	1

3. Sacramento State

	HEX	BINARY
S	53	0101 0011
a	61	0110 0001
c	63	0110 0011
r	72	0111 0010
a	61	0110 0001
m	6D	0110 1101
e	65	0110 0101
n	6E	0110 1110
t	74	0111 0100
o	6F	0110 1111
[SPACE]	20	0010 0000

	HEX	BINARY
S	53	0101 0011
t	74	0111 0100
a	61	0110 0001
t	74	0111 0100
e	65	0110 0101

4. My name is Vigomar

M	4D	0100 1101
y	79	0111 1001
[SPACE]	20	0010 0000

n	6E	0110 1110
a	61	0110 0001
m	6D	0110 1101
e	65	0110 0101
[SPACE]	20	0010 0000
i	69	0110 1001
s	73	0111 0011
[SPACE]	20	0010 0000

V	56	0101 0110
i	69	0110 1001
g	67	0110 0111
o	6F	0110 1111
m	6D	0110 1101
a	61	0110 0001
r	72	0111 0010