

## Ascii "Secret Agent" Challenge

### Challenge 1

Fill in the decimal and binary value for each ascii character - some have already been done for you:

Ascii	Dec	Binary
A	65	0100 0001
B		
C		
D		
E		
F		
G		
H		
I	73	0100 1001
J		
K		
L		
M		
N		
O		
P		
Q	81	0101 0001
R		
S		
T		
U		
V		
W		
X		
Y		
Z	90	0101 1010

space	32	0010 0000
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Ascii	Dec	Binary
a	97	0110 0001
b		
c		
d		
e		
f		
g		
h		
i	105	0110 1001
j		
k		
l		
m		
n		
o		
p		
q	113	0111 0001
r		
s		
t		
u		
v		
w		
x		
y		
z	122	0111 1010

.	46	0010 1110
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### Challenge 2

Use your completed ascii table to decipher the following message:

0100 1001	0010 0000	0100 1100	0110 1111	0111 0110	0110 0101	0010 0000

0100 0010	0110 1001	0110 1110	0110 0001	0111 0010	0111 1001	0010 1110

### Challenge 3

Use your completed table to write your name in binary:



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## Challenge 4

Use your completed ascii table to create a secret message for your classmates to decode. Use an extra sheet if necessary.



