Short=5 Bits (starts with 0)				Long=7 Bits (starts with 1)		
Character	Short Value	Decimal		Character	Long Value	Decimal
a	00000	0		b	1000000	64
c	00001	1		d	1000001	65
e	00010	2		f	1000010	66
i	00011	3		g	1000011	67
n	00100	4		h	1000100	68
o	00101	5		j	1000101	69
r	00110	6		k	1000110	70
s	00111	7		l	1000111	71
u	01000	8		m	1001000	72
A	01001	9		p	1001001	73
I	01010	10		q	1001010	74
0	01011	11		t	1001011	75
1	01100	12		v	1001100	76
.	01101	13		w	1001101	77
,	01110	14		x	1001110	78
" "	01111	15		y	1001111	79
				z	1010000	80
				B	1010001	81
				C	1010010	82
				D	1010011	83
				E	1010100	84
				F	1010101	85
				G	1010110	86
				H	1010111	87
				J	1011000	88
				K	1011001	89
				L	1011010	90
				M	1011011	91
				N	1011100	92
				O	1011101	93
				P	1011110	94
				Q	1011111	95
				R	1100000	96
				S	1100001	97
				T	1100010	98
				U	1100011	99
				V	1100100	100
				W	1100101	101
				X	1100110	102
				Y	1100111	103
				Z	1101000	104
				2	1101001	105
				3	1101010	106
				4	1101011	107
				5	1101100	108

6	1101101	109
7	1101110	110
8	1101111	111
9	1110000	112
-	1110001	113
!	1110010	114
'	1110011	115
"	1110100	116
\n	1110101	117
:	1110110	118
;	1110111	119
?	1111000	120