

TASK 10

BITS

The binary numbers are how numbers are represented in computers. Computer code is made up of binary code, where every symbol is described by a series of ones and zeroes. Practice by coloring with the right code!

			1	1	1	1	1	1	
		1	1	1	1	1	1	1	
	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1
	1	1	0	1	1	1	0	1	1
	1	1	1	1	00	1	1	1	1
	1	1	1	1	1	1	1	1	1
	1	1	1	0	0	0	1	1	1
	1	1	0	0	0	0	0	1	1
	1	0	0	0	0	0	0	1	1
	1	0	0	0	0	0	0	1	1
00	00	0	0	0	00	00	00	1	1



Bit. The smallest unit of data in computers. A bit can have only two values, which are often represented as either one or zero.



Binary. A number system that uses only two digits is called binary. All computers calculate in binary.

1 = 

0 = 

00 = 

Make a binary code version of your name. For each row, fill in a letter and the corresponding binary code. For 0 leave the circle empty and fill in for 1.

Letter Binary

<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A	01000001	G	01000111	M	01001101	S	01010011
B	01000010	H	01001000	N	01001110	T	01010100
C	01000011	I	01001001	O	01001111	U	01010101
D	01000100	J	01001010	P	01010000	V	01010110
E	01000101	K	01001011	Q	01010001	W	01010111
F	01000110	L	01001100	R	01010010	X	01011000
						Y	01011001
						Z	01011010



Have a special character in your name?
No worries, try looking it up on search engine,
by typing the letter and the word binary.