

# Binary Code

Both our computers today and ENIAC work electronically. When Betty, Jean and Kay programmed ENIAC, electric signals flowed through the computer through miles of heavy electric cables. Today those electric circuits are so small they sometimes can't be seen with the naked eye!

Most computers are programmed using binary code. What is binary code? It is a way of representing information using two options, electric off and electric on, or 0s and 1s..

Different encoding schemes, such as ASCII, assign combinations of 0s and 1s to represent letters and numbers so computers can hold and process information. The chart below shows the ASCII binary code for the capital letters of our alphabet- but instead of 0s and 1s we've used cookies! You can write your own "secret" messages using an ASCII cookie code.

Try it!

## Binary Code In Cookies

Round Cookies represent 0 and Square Cookies represent 1

A		N	
B		O	
C		P	
D		Q	
E		R	
F		S	
G		T	
H		U	
I		V	
J		W	
K		X	
L		Y	
M		Z	