

Binary Representation

IST 110

Binary code is the baseline of all computing. It serves as a very important factor in programming. Boolean values are directly related to binary as there are only two possibilities, either True or False, or 1 or 0. Binary is so important in the world of computing because it is used as a trigger for functions and algorithms. A common term in programming called “flags” refers to whether a specific object has been activated or not. These are very useful for if and while loops.

After converting text to binary using the application Qbit, I learned that every character, including special characters, has its own identical binary combination. For example, I wrote “Hello 1.5”, and the binary contained its own combination for the “.”.

Reference:

Text to Binary Converter

- <https://www.qbit.it/lab/bintext.php>