Hello!

I'm currently taking Web Development 201, and I wanted to try this assignment via a website.

The link below will link to the website.

Website Link: [Boolean Algebra and Computer Architecture (glareyo.github.io)](https://glareyo.github.io/computer-arcitecture-3-21-2023/)

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| What is Boolean Algebra? |
| Boolean Algebra is a mathematical concept, similar to College Algebra.  However, rather than dealing with numbers, Boolean deals in expressions, logical variables, and non-number concepts, all leading to 2 answers:  True  Or  False  **History**  Boolean algebra originated in 1847, by a mathematician named George Boole. |
| How does Boolean Operate? |
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| Boolean and Its Role in Computer Architecture. |
| So how does logical, numerical-less algebra play a role in the structure of computer architecture?  Though focused on logical expressions, Boolean Algebra plays a major role in one of a computer’s most important aspect:   |  | | --- | | Scroll animation : Binary | | Scroll animation : The 1s and 0s. |   **Binary:**  For a brief description, binary is simple system containing 2 numbers: 1s and 0s |

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| Sources |
| <https://www.maa.org/press/periodicals/convergence/origins-of-boolean-algebra-in-the-logic-of-classes-george-boole-john-venn-and-c-s-peirce>  [Boolean Algebra (Boolean Expression, Rules, Theorems and Examples) (byjus.com)](https://byjus.com/maths/boolean-algebra/)  [(57) Boolean Logic & Logic Gates: Crash Course Computer Science #3 - YouTube](https://www.youtube.com/watch?v=gI-qXk7XojA&list=WL&index=59) |