Zorbaa Language Referencing Manual

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This document is the definition of Zorbaa Language. It is a simple. Its purpose is that it’s syntax is easy and is easily used by beginners and can be used for better understanding of programming concepts.

1. Lexical Aspect:

* KEY WORDS: There are numerous key words in Zorbaa Language, such as "int","char","float","double","void","bool","for","while","do","if","else","print","input","return","fun","true","false".
* IDENTIFERS: An identifier is a sequence of letters, digits, and underscores that starts with a letter. Case is not significant. But identifiers starts from either a letter or an underscore.
* OPERATORS: Operators include “+”, “-“, “\*”, “/”, “=”, “!”, “|”, “%”. Furthermore there are Logical operators too like “==”, “<=”, “>=”, “!=”, “<”, “>”.
* CONSTANTS: Constant on three types i.e. integer, float, string are categorized separately. For integers there are both signed and unsigned numbers but for float there are only unsigned constants.
* COMMENTS: There is a single line comment starting with “#”.
* SEPERATORS: There are separators like “{“, “}”, “(“, “)”, “:”, “;”, “ “.