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| --- | --- | --- |
| C++ | JAVA | PYTHON |
| Compiled Programming Language | Compiled Programming Language | Interpreted Programming Language |
| Supports Operator Overloading | Does not support Operator Overloading | Supports Operator Overloading |
| Platform dependent | Platform Independent | Platform Independent |
| Does Not Supports threads | Has library support for many concepts like UI | Has a huge set of libraries that make it fit for AI, data Science |
| Functions and variables are used outside the class | Every bit of code is inside a class | Functions and variables can be declare and used outside the class also |
| C++ program is a fast compiling programming language | Java Program Compiler a bit Slower than c++ | Due to the use of interpreter execution is slower |

**Difference Between the C++, JAVA,PYTHON**