Advantages and Disadvantages of C Language

Here you will learn about advantages and disadvantages of C language.

**Advantages of C Language**

1. C language is a building block for many other currently known languages. C language has variety of data types and powerful operators. Due to this, programs written in C language are efficient, fast and easy to understand.

2. C is highly portable language. This means that [C programs](https://www.thecrazyprogrammer.com/c-programs" \t "_blank) written for one computer can easily run on another computer without any change or by doing a little change.

3. There are only 32 keywords in ANSI C and its strength lies in its built-in functions. Several standard functions are available which can be used for developing programs.

4. Another important advantage of C is its ability to extend itself. A C program is basically a collection of functions that are supported by the C library this makes us easier to add our own functions to C library. Due to the availability of large number of functions, the programming task becomes simple.

5. C language is a structured programming language. This makes user to think of a problem in terms of function modules or blocks. Collection of these modules makes a complete program. This modular structure makes program debugging, testing and maintenance easier.

**Also Read: [Basic Structure of C Program](https://www.thecrazyprogrammer.com/2013/07/explain-basic-structure-of-c-programs.html" \t "_blank)**

**Disadvantages of C Language**

1. C does not have [concept of OOPs](https://www.thecrazyprogrammer.com/2012/07/basic-concepts-of-oop.html" \t "_blank), that’s why C++ is developed.

2. There is no runtime checking in C language.

3. There is no strict type checking. For example, we can pass an integer value.

4. for the floating data type.

5. C doesn’t have the concept of namespace.

6. C doesn’t have the concept of constructor or destructor.