Requirements

Introduction

In this project the user will be able to go through various chapters that are mentioned in this book. It's a user-friendly book, this book contains all aspects of C programming starting from variables till Structures. As we all know that C is highly portable and is used for **scripting system applications** which form a major part of Windows, UNIX, and Linux operating system. C is a general-purpose programming language and can efficiently work on enterprise applications, games, graphics, and applications requiring calculations, etc.

Objective

The main objectives of this project are:

To explain about C language like – Is a simple computer language designed to enable object-oriented programming, its defined as a small but powerful set of extensions to standard ANSI C language, its addition to C are mostly based on Smalltalk one of first OOPs language is designed to give C full OOPs programming concept, capabilities and to do so in simple and straightforward way.

To perform operations from user and display the result.

4 W's and 1 H

Who

Anyone who doesn't know basic of C language can refer this.

What

This project is concerned about C programming e-book.

When

Whenever there is a problem on C programming one can refer this e-book.

Why

As this project uses beginner's purpose, , it is easy to use and Userfriendly

How

Implemented using structure, pointers, Enum and other functionalities of C.

Basic requirements that are very essential are:

1-gcc compiler with a good system.

2-Any of the two linux/windows.

HIGH LEVEL REQUIREMENTS:

**High-level or Stream-level I/O**

* Is more flexible and usually more convenient.
* Hides complexity from the programmer.
* When using the I/O functions high-level I/O is slower as compared to the low-level I/O.

LOW LEVEL REQUIREMENTS:

* Provides direct access to files and devices.
* Is complex (Buffer management is to done by the programmer)
* When using I/O functions, low-level I/O is faster as compared to the high-level I/O.
* Uses a “file descriptor” to track the status of the file.