My notes from K.N. King's "C Programming A Modern Approach" 2nd version

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Chapter 1

Note

In this material I will go over everything from book, trying to summarize every note-worthy subject. I will do it, while learning Latex, so good luck to me.

Contents

Chapter 2

C Fundamentals

2.1   Steps of Executing a C Program

Automated proccess:

1. **Preprocessing** - Preprocessor is executing directives (they begin with #).

2. **Compiling** - Compiler translates program into machine instructions (object code).

3. **Linking** - Linker combines object code and code needed for execution of the program.

2.2   The Genereal From of a Simple Program

Simple C programs have this form:

```
    directives
    int main(void)
    {
        statements
    }
```

    Directives - Begin with '#' symbol, they state what headers include to program.

    Functions - They are segments of code that take arguments, and returns (or not) a value. Only `main` function is required.