
C Programming

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C is a general-purpose, imperative computer programming language, supporting structured programming, lexical variable scope and recursion, while a static type system prevents many unintended operations.

1 Code Snippets

1.1 Hello World

```
/*
 * Author: Boitumelo Phetla
 * How to compile on Terminal
 * gcc -Wall -o hello_world hello_world.c
 * ./hello_world
 */
#include <stdio.h>

int main(void){
    puts("Hello world!!"); //prints out to
        console screen
    return(100); //returns anything
}
```

1.2 printf statement

```
/*
 * Author: Boitumelo Phetla
 * How to compile on Terminal
 * gcc -Wall -o program program.c
 * ./program
 */
#include <stdio.h>

int main(void){
    printf("Hello world!!\n"); //prints out to
        console screen
    return(0);
}
```
