

## Getting Started with C:

To start using C, you need two things:

- A text editor, like Notepad, to write C code
- A compiler, like GCC, to translate the C code into a language that the computer will understand

## The First C Program:

```
#include <stdio.h>

int main() {
    printf("Hello World!");
    return 0;
}
```

**Line 1:** `#include <stdio.h>` is a header file library that lets us work with input and output functions, such as `printf()` (used in line 4). Header files add functionality to C programs.

**Line 2:** A blank line. C ignores white space. But we use it to make the code more readable.

**Line 3:** Another thing that always appear in a C program, is `main()`. This is called a **function**. Any code inside its curly brackets `{ }` will be executed.

**Line 4:** `printf()` is a **function** used to output/print text to the screen. In our example it will output "Hello World".

**Line 5:** `return 0` ends the `main()` function.

**Line 6:** Do not forget to add the closing curly bracket `}` to actually end the main function.