My Reference Book

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Part I

C

Chapter 1

An Introduction

The reference book that I am using is the 6th edition of **C Primer Plus** by *Stephen Prata*.

1.1 Hello world

Hello world program in C.

```
Hello world program

/* This is the Hello world program */

#include<stdio.h>

void main(){
  printf("Hello world\n");
}
```

Part II

Scala

Chapter 1

Types in Scala

- Byte 8-bit signed two's complement integer (-2^7 to $2^7 - 1$, inclusive)
- Short 16-bit signed two's complement integer (-2^{15} to $2^{15} - 1$, inclusive)
- Int 32-bit signed two's complement integer (-2^{31} to $2^{31} - 1$, inclusive)
- Long 64-bit signed two's complement integer (-2^{63} to $2^{63} - 1$, inclusive)
- Char 16-bit unsigned Unicode character (0 to $2^{16} - 1$, inclusive)
- String a sequence of Chars
- Float 32-bit IEEE 754 single-precision float
- Double 64-bit IEEE 754 double-precision float
- Boolean true or false