

Some Basics

Variables are declared before being used.

They might need to be initialized before being used.

They can be assigned a value multiple times.

Use useful variable names!

There are rules about variable names: letters, digits and underscore are okay.

Operators include +, -, *, /

Operator % gives the remainder on division e.g. $17 \% 7 = 3$

Printf takes a string followed by zero or more data values

In the string, \ and % are special characters:

%d is a placeholder for an integer; \n is interpreted as a newline

Scanf takes a string of placeholders followed by addresses of variables (given by & operator)

e.g. `scanf("%d", &score)`

if you omit the &, the program will compile, but a segmentation fault will probably occur