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. \(17 \mod 7 = 3\)

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.