C for Everyone: Programming Fundamentals Notes

Week 1

Example-Marathon

void in int main(void){} means there are no arguments.

Simple input/output – fahrenheit

%d in scanf(“%d”,&fahrenheit) means integer

celsius = (fahrenheit – 32)/1.8 . Even the two variables are integer. After divided by a float type, the product will also become float type.

Simple input/output – miles

A normal machine is 4 byte machine, int type is 4 bytes.

For a longer bytes int, we can use long long, which is 8 bytes.

Code Practise

Week 1

Example-Circle code: Circle and Area

Example-Marathon: The distance of a marathon in kilometers

Simple input/output-fahrenheit: Conversion of Fahrenheit to Celsius

Simple input/output-miles: Distance of a marathon in yards

Assignment: Fix Dr. P’s mistake