This project was created to fulfill the requirements for the Internal Assessment for Computer Science Unit 1 of the Caribbean Advanced Proficiency Examination (CAPE). It also serves as a useful guideline to programming in C. It is hoped that it will prove to be resourceful to the reader.

According to Schildt(2000), “In the onrush of events, it is easy to focus only on the new, overlooking the sturdy foundation upon which the future is built. C is such a foundation. Much of the world’s code runs on C. It is the language upon which C++ was built, and its syntax formed the basis for Java. However, if C were simply a starting point for other languages, it would be an interesting, but dead, language. Fortunately for us programmers, this is not the case. C is as vital today as when it was first invented”.

He adds, “Although C’s progeny(C++ and Java) are certainly important, C has a staying power that no other computer language can claim.