Project 1 – Enhancing an existing C Program

by

Havi Arji

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Sam Espana, CF

Department of Computer Science and Cybersecurity

College of Science

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Introduction

The first project is about using an existing C program to enhance it with additional features. The current program terminates after input = -1 but users will be allowed to input any negative integer value in the future. In addition, input will only allow values between 0 and 100.

-Also we need to create binaries for arm and amd

Screenshots

Figure 1: Here the code in execution

Figure 2: Here the code compiled in binary

Havi Arji

General Comments

```c
while (grade >= 0) {
   if (grade <= 100) {
      total = total + grade; // add grade to total
      counter = counter + 1; // increment counter
   } else {
      printf("Invalid. Enter a value 0 to 100: ");
      scanf("%d", &grade);
   }
}
```

1: Enhanced C code with input validation

The code, binaries and documentation can be found on:
https://github.com/4rji/C-Programming/tree/main/proyect1

Havi Arji