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IT-140

Project 3 AYED

1. Reflecting on your experience with this activity, explain the importance of knowing how and when to use and modify custom functions, inputs (parameters) within functions, and functions to return the correct output. Support your response with examples from the activity of the types of errors and your method for fixing them.

Functions are a key factor when it comes to writing good code. Functions can be self-defined or default functions that already have a purpose. Self-defined functions are always key in writing a program because they are able to be recalled. Whenever you’re writing code if you find yourself repeating code over and over again then you’re probably not doing it the most efficient way. Some functions can take in a parameter which is important and can make the code have a variety of more possibilities. Functions are self-named which makes programming a world easier. Now for the ATM script that will be attached with this paper I will admit to having difficulties. Not that functions were difficult although they can be but they are self-created so a person would know where to look when having a certain error. The way I wanted to write the script was to force the user to call the function and input a parameter of what they wanted to deposit or withdrawal. Instead the way codio tested the script was to ask the user what they would like to do and then use the function in the background. Which of course is easier for the UI but just not how I would have written it on first approach. This arose some problem solving when it came to putting the functions in the background of the program to say. After about 30 minutes or so nevertheless the problem was solved to codio’s specifications. The only other problem I had was a simple typo that caused myself some major time delay’s in searching for the bug. For the output under ‘W’ I had typed.

withdrawal\_amount = float(input("How much would you like to withdrawl today?\n"))

The only error that codio gave was “Failed”. It didn’t tell me what was wrong which sent me on wild goose chase looking for an logical error that I thought I had overlooked. After a well amount of time spend I realized my error in the spelling of ‘withdraw’. Lesson learned, check spelling.