

LAB 10 – Modular Design of ATM Program

For this lab assignment, you are to implement the ATM simulation program from lab 6 using functions. You may use any of the code for this that was developed in class.

Your program may be designed any way that you wish. However, it must make use of functions for each of the following,

- **Welcome message to user (explaining what the program does)**
(this a non-value returning function)
(this is not passed any parameters)
- **A function that prompts the use for their PIN and returns if correct or not**
(This is a value-returning function that returns True or False)
(This is passed the PIN number to check against)
- **Getting the input selection from the user (B, D, W, Q)**
(This a value-returning function that returns 'B', 'D', 'W', or 'Q')
(This is not passed any parameter)
- **Requesting from the user the amount to deposit**
(This a value returning function that returns the amount of deposit)
(This is not passed any parameters)
- **Requesting from the user the amount to withdraw**
(This a value returning function that returns the amount of withdrawal)
(The amount returned is guaranteed to be less than or equal to the account balance.)
(This is passed the current balance as a parameter)

Your program should continue to prompt the user until 'Q' entered.

What to Turn In

- Copy posted in BlackBoard of your completed program