SET correct usernames and passwords for different account types

SET user/pass attempt counters to 0

SET correct user/pass bools to FALSE

DISPLAY demonstration program disclaimer

PROMPT for account type

READ account type

IF account type is Admin

WHILE correct user bool is FALSE, AND user attempt counter is less than 3

PROMPT to input username

READ inputted username

SET correct user bool to TRUE if inputted user is correct, otherwise FALSE

IF correct user bool is FALSE

BUMP user attempt counter

IF correct user bool is TRUE

WHILE correct pass bool is FALSE, AND pass attempt counter is less than 3

PROMPT to input password

READ inputted password

SET correct pass bool to TRUE if inputted pass is correct, otherwise FALSE

IF correct pass bool is FALSE

BUMP pass attempt counter

IF correct pass bool is TRUE

PRINT “Welcome Admin! You can update and read files.”

IF pass attempt counter == 3

PRINT “Contact Administrator”

IF user attempt counter == 3

PRINT “Invalid Username”

IF account type is Student

WHILE correct user bool is FALSE, AND user attempt counter is less than 3

PROMPT to input username

READ inputted username

SET correct user bool to TRUE if inputted user is correct, otherwise FALSE

IF correct user bool is FALSE

BUMP user attempt counter

IF correct user bool is TRUE

WHILE correct pass bool is FALSE, AND pass attempt counter is less than 3

PROMPT to input password

READ inputted password

SET correct pass bool to TRUE if inputted pass is correct, otherwise FALSE

IF correct pass bool is FALSE

BUMP pass attempt counter

IF correct pass bool is TRUE

PRINT “Welcome Student! You can only read files.”

IF pass attempt counter == 3

PRINT “Contact Administrator”

IF user attempt counter == 3

PRINT “Invalid Username”

IF account type is Staff

WHILE correct user bool is FALSE, AND user attempt counter is less than 3

PROMPT to input username

READ inputted username

SET correct user bool to TRUE if inputted user is correct, otherwise FALSE

IF correct user bool is FALSE

BUMP user attempt counter

IF correct user bool is TRUE

WHILE correct pass bool is FALSE, AND pass attempt counter is less than 3

PROMPT to input password

READ inputted password

SET correct pass bool to TRUE if inputted pass is correct, otherwise FALSE

IF correct pass bool is FALSE

BUMP pass attempt counter

IF correct pass bool is TRUE

PRINT “Welcome Staff! You can update, read, add, and delete files.”

IF pass attempt counter == 3

PRINT “Contact Administrator”

IF user attempt counter == 3

PRINT “Invalid Username”