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Password Verifier Analysis

In this program I’m going to use an array of characters that make up the password. The password must have an upper-case letter, lower case letter, a number and a special character (! @ # $ %). I will need to make a function that will allow the user to enter their password then after the password has been made, the array will be passed to a function that will check if the password the user entered meets all the requirements of a valid password. I could create Boolean variables called upper, lower, digit and special character. Those variables will be passed by reference to the function that will check the requirements. The function header would be void checkRequirments ( char password[] , bool &upper, bool &lower, bool &digit, bool &specialChar) this function will use the bools as error flags. If the function returns the variables true the password will be accepted and if one is false the password will be rejected. To find out if the password meets the requirements, I can loop through the array using a for loop, and for each character if it meets a requirement it will make the bool variable true. I can also make a function that will tell the user what they are missing based on the variables that are returned false.