

Your Task: Code a program that acts as a “bouncer” and checks if people who want to enter a dance club know the secret password.

More Information: A bouncer at the hottest new underground club in town wants to make her job easier by writing a program that checks certain information about every potential clubber. At minimum, the bouncer knows she needs to check that everyone entering the club knows the password. The program should print a statement that welcomes people who get the password correct. The program should also be able to print a statement that rejects clubbers who give the incorrect password.

Rubric

Points: _____ / 12

	2	1	0
Functionality	My program works perfectly.	My program is broken somewhere in the middle.	My program doesn’t work.
Variables	My variables have logical names and are typed in Camel Case when necessary. The values of my variables are formatted correctly (ex. strings are in quotes).	One of those elements is missing.	No evidence.
Equivalence	I correctly use the equivalence operator to check that two pieces of data are identical.		No evidence.
User Input	The program is interactive and the input statements are coded correctly.	One of those elements is missing.	No evidence.
Conditional	My program uses at least one if-then-else statement to evaluate the user input.	I included an if-then statement, but not an “else.”	No evidence.
Printing	My program prints statements that appropriately respond to the user input.		My print statements are not appropriate.
Extra Credit	What if my club is really exclusive and has a lot of rules? Well, then! Aren’t you very important. If your club is hard to get into, code additional statements that screen potential clubbers based on additional rules. You will receive 1 extra credit point for each additional rule that you program successfully.		

Tech Specifications:

- Code your program in Replit
- Name your file: LastName_PasswordProject
- Be sure to SAVE!
- Test your project to make sure it works before you submit!

Submitting Your Work:

Submit your quiz through Google Classroom (Unit 1 Quiz: Password Project → Your Work → Add a Link)