Password Validation

Create a .py file that asks a user to create a password that follows a set of restrictions. Your program should print the restrictions to the user, ask them to enter a password, and return whether the password is okay or which password rule(s) are violated. If the password does not meet requirements, the user should be prompted to try again. This should be tested with 3-5 different passwords that violate varying rules.

You should work with a partner on this project and decide how to split the work. Each partner should have at least 5 commits and at least 5 pull requests on separate branches on their respective repositories.

Expected sample output:
```
(program start)
- Contains 8-16 characters
- Contains one of the special characters: %$#^&*!@()
- Contains at least one number 0-9
- Contains at least one capital letter
- Starts with a lowercase letter
- Does not contain the phrase "pass" in any format
- Does not contain the phrase "qwerty" in any format
- Does not contain the phrase "123"

Please enter a password that conforms to the above restrictions:
                    pAss9&yL*

This password does not meet the following requirements:
- Does not contain the phrase "pass" in any format

- Contains 8-16 characters
- Contains one of the special characters: %$#^&*!@()
- Contains at least one number 0-9
- Contains at least one capital letter
- Starts with a lowercase letter
- Does not contain the phrase "pass" in any format
- Does not contain the phrase "qwerty" in any format
- Does not contain the phrase "123"

Please enter a password that conforms to the above restrictions:
                    p7%RAd^rab

Success!
(program end)
```