FS0060 Challenge Problem 3 – Password Validity Checker

Create a password validity checker that asks a user to enter a new password, and tells them whether their choice is valid or not. The requirements for a password are that it must contain:

- between 8 and 20 characters
- only alphanumeric characters
- at least one uppercase letter
- at least one lowercase letter
- at least one number
- at least one special character from _ or @ or $

You are not allowed to use the re module!