**Project: Checking Password**

Problem Description:

Some Websites impose certain rules for passwords. Write a method that checks whether a string is a valid password. Suppose the password rule is as follows:

* A password must have at least eight characters.
* A password consists of only letters and digits.
* A password must contain at least two digits.

Write a program that prompts the user to enter a password and displays "valid password" if the rule is followed or "invalid password" otherwise.

Sample 1

Enter a string for password: wewew43x

valid password

Sample 2

Enter a string for password: 343a

invalid password