Password Generator

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Description:

This project aims to develop a Java program that generates secure and customizable passwords based on user-defined criteria.

Functionality:

Allows users to specify the desired password length (minimum 4 characters, maximum ∞).

Offers options to include various character types (lowercase, uppercase letters, numbers, symbols).

Offers users to choose between 3 options for specific needs:

```
1) Setting the password on your own.
2) Using ready presets.
3) Generate literally random password!
```

Presets offering users 4 more options:

```
1)Uppercase letters with special symbols.
2)Lowercase letters with special symbols.
3)Digits with special symbols.
4)Uppercase and lowercase letters.
```

Generates a random password based on user's preferences.

The generated password is evaluated by industry standards (zxcvbn4j score library):

Example output:

```
Hello and welcome! This is will help you to generate a strong password!(´｡• ᵕ •｡`)

Here is our options:
1) Setting the password on your own.
2) Using ready presets.
3) Generate literally random password!

Choose one of the options: 3

Enter password length: 12

Password strength analysis:
Generated password got 4 out of 4 (0 = Very Weak, 4 = Very Strong)
Estimated time to crack the password: 3 years

(ﾉ◕ヮ◕)ﾉ*:･ﾟ✧
Your completely random generated password is here! --> YM9IO:dmTNlj
Goodbye! ( ° ∀ ° )ﾉﾞ
```