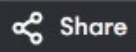


main.py



Share

Run

Output

Clear

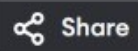
```
1 import re
2
3 def check_password_strength(password):
4
5     length_error = len(password) < 8
6     lowercase_error = not re.search(r"[a-z]", password)
7     uppercase_error = not re.search(r"[A-Z]", password)
8     digit_error = not re.search(r"\d", password)
9     special_char_error = not re.search(r"[!@#$%^&*(),.?\":{}|<>]",
    password)
10
11     errors = [length_error, lowercase_error, uppercase_error,
    digit_error, special_char_error]
12     score = 5 - sum(errors)
13
14     if score == 5:
15         strength = "Very Strong"
16     elif score == 4:
17         strength = "Strong"
18     elif score == 3:
```

Enter your password: SkillCraftTechnology@2025

Password Strength: Very Strong

=== Code Execution Successful ===

main.py



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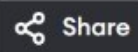
```
18 elif score == 3:
19     strength = "Moderate"
20 elif score == 2:
21     strength = "Weak"
22 else:
23     strength = "Very Weak"
24
25 feedback = []
26 if length_error:
27     feedback.append("Password should be at least 8 characters
28                        long.")
29 if lowercase_error:
30     feedback.append("Include at least one lowercase letter.")
31 if uppercase_error:
32     feedback.append("Include at least one uppercase letter.")
33 if digit_error:
34     feedback.append("Include at least one digit.")
35 if special_char_error:
36     feedback.append("Include at least one special character.")
```

Enter your password: SkillCraftTechnology@2025

Password Strength: Very Strong

=== Code Execution Successful ===

main.py



Run

Output

Clear

long.")

```
28- if lowercase_error:
29     feedback.append("Include at least one lowercase letter.")
30- if uppercase_error:
31     feedback.append("Include at least one uppercase letter.")
32- if digit_error:
33     feedback.append("Include at least one digit.")
34- if special_char_error:
35     feedback.append("Include at least one special character.")
36
37     return strength, feedback
38
39 password = input("Enter your password: ")
40 strength, feedback = check_password_strength(password)
41 print(f"\nPassword Strength: {strength}")
42- if feedback:
43     print("Suggestions:")
44     for tip in feedback:
45         print(f"- {tip}")
46
```

Enter your password: SkillCraftTechnology@2025

Password Strength: Very Strong

=== Code Execution Successful ===