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print("----Welcome to password strength checker----")

import getpass

while(1):

    choice=input("Do you want to check your password strength:")

    strength=0

    lowercount,uppercount,digit_count,white_space_count,special_character_count=0,0,0,0,0

    digit='0123456789'

    if choice.lower()=='yes':

        password=getpass.getpass("Enter your password:")

        for char in password:

            if char.isupper():

                uppercount+=1

            elif char.islower():

                lowercount+=1

            elif char in digit:

                digit_count+=1

            elif char==' ':

                white_space_count+=1

            else:

                special_character_count+=1

        if uppercount>=1:

            strength+=1

        if lowercount>=1:

            strength+=1

        if digit_count>=1:

            strength+=1

        if white_space_count>=1:

            strength+=1

        if special_character_count>=1:

            strength+=1

        print("Your password has:")
```

```
print(f'{uppercount} uppercaseletters')
print(f'{lowercount} lowercaseletters')
print(f'{digit_count} digits')
print(f'{white_space_count} whitespaces')
print(f'{special_character_count} special character count')
if strength==1:
    print("Your password is bad...change it immediately")
elif strength==2:
    print("Your password is weaker...consider a toughest password")
elif strength==3:
    print("Your password is okay, but it can be improved.")
elif strength==4:
    print("Your password is hard to guess. But you could make it even more secure.")
elif strength==5:
    print("Now that\'s one hell of a strong password!!! Hackers don\'t have a chance guessing that password!")
elif choice.lower()=='no':
    print('Exit')
else:
    print("Invalid")
```