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import random
import string
def generate password(length, use letters=True, use numbers=True,
use symbols=True):
    characters = ""
    if use letters:
        characters += string.ascii letters
    if use numbers:
        characters += string.digits
    if use symbols:
        characters += string.punctuation
    if not characters:
        print ("Error: At least one character set (letters, numbers,
symbols) must be selected.")
       return None
    password = ''.join(random.choice(characters) for in range(length))
    return password
def main():
    length = int(input("Enter the desired password length: "))
    use letters = input("Include letters? (y/n): ").lower() == 'y'
    use_numbers = input("Include numbers? (y/n): ").lower() == 'y'
    use symbols = input("Include symbols? (y/n): ").lower() == 'y'
    password = generate password(length, use letters, use numbers,
use symbols)
    if password:
        print(f"Generated Password: {password}")
if __name__ == "__main__":
    main()
```