

[2]

✓ 9s



```
import random
import string

def generate_password(length, include_uppercase, include_digits, include_special):
    characters = string.ascii_lowercase
    if include_uppercase:
        characters += string.ascii_uppercase
    if include_digits:
        characters += string.digits
    if include_special:
        characters += string.punctuation

    if not characters:
        return "Error: No character types selected."

    password = ''.join(random.choice(characters) for _ in range(length))
    return password

try:
    length = int(input("Enter desired password length: "))
    if length <= 0:
        print("Password length must be a positive number.")
    else:
        include_uppercase = input("Include uppercase letters? (y/n): ").lower() == 'y'
        include_digits = input("Include digits? (y/n): ").lower() == 'y'
        include_special = input("Include special characters? (y/n): ").lower() == 'y'

        password = generate_password(length, include_uppercase, include_digits, include_special)
        print(f"Generated password: {password}")
except ValueError:
    print("Invalid input for length. Please enter a number.")
```



```
... Enter desired password length: code@
Invalid input for length. Please enter a number.
```