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In [1]: import random
import string

def generate_password(length):
    if length < 4:
        return "Password length should be at least 4 characters."

    # Define possible character sets
    lowercase = string.ascii_lowercase
    uppercase = string.ascii_uppercase
    digits = string.digits
    symbols = string.punctuation

    # Combine all character sets
    all_chars = lowercase + uppercase + digits + symbols

    # Randomly select characters
    password = ''.join(random.choice(all_chars) for _ in range(length))

    return password

# Main Program
print("Password Generator")
try:
    user_length = int(input("Enter the desired password length: "))
    generated_password = generate_password(user_length)
    print("Generated Password:", generated_password)
except ValueError:
    print("Invalid input. Please enter a number.")
```

Password Generator
Generated Password: 4&Y*6kHuW

In []: