```
import random
import string
def generate_password(length=12):
    if length < 4:
        return "Password should be at least 4 characters long."
    # Define character sets
    letters = string.ascii letters # a-z + A-Z
    digits = string.digits
                                   # 0-9
    symbols = string.punctuation # Special characters like !@#$%
    # Combine all characters
    all_chars = letters + digits + symbols
    # Ensure password has at least one character from each set
    password = [
        random.choice(letters),
        random.choice(digits),
        random.choice(symbols)
    1
    # Fill the rest of the password length
    password += random.choices(all_chars, k=length - 3)
    # Shuffle the result to make it more secure
    random.shuffle(password)
    return ''.join(password)
# Ask user for desired length
    user length = int(input("Enter desired password length: "))
    print("Generated Password:", generate_password(user_length))
except ValueError:
    print("Invalid input. Please enter a number.")
```