"""

validation.py

Contains functions for validating input data.

"""

def validate\_email(email):

"""

Validates the format of an email address.

Steps:

1. Use a regular expression to match the standard email format.

2. Return True if the email matches the format, otherwise False.

"""

def validate\_phone(phone):

"""

Validates the format and length of a phone number.

Steps:

1. Define allowed formats (e.g., E.164).

2. Use a regular expression to match the format.

3. Return True if valid, otherwise False.

"""

def validate\_schema(data, schema):

"""

Validates a dictionary against a predefined schema.

Steps:

1. Iterate over the schema's keys and types.

2. Check if each key exists and matches the expected type in the data.

3. Return True if valid, otherwise raise an error with details.

"""