import unittest

class TestPasswordValidation(unittest.TestCase):

def test\_less\_than\_8\_chars(self):

result = validate\_password('abc1$')

def test\_no\_number(self):

result = validate\_password('abcd@xyz')

def test\_no\_special\_char(self):

result = validate\_password('abcd1234')

def test\_valid\_password(self):

result = validate\_password('abc1@def')

def test\_long\_valid\_password(self):

result = validate\_password('MyPass123!')

def test\_client\_input\_1(self):

result = validate\_password('1234@5678')

def test\_client\_input\_2(self):

result = validate\_password('abcdefgh')

def test\_client\_input\_3(self):

result = validate\_password('abcd1234')

def test\_client\_input\_4(self):

result = validate\_password('Ab1$xyz9')

def validate\_password(password):

if len(password) < 8:

return 'Rejected - Must be at least 8 characters'

if not any(char.isdigit() for char in password):

return 'Rejected - Must include at least one number'

if not any(char in '!@#$%^&\*' for char in password):

return 'Rejected - Must include at least one special character'

return 'Accepted'

if \_\_name\_\_ == '\_\_main\_\_':