**House security system code**

def door\_lock\_system(): """ Simulates a password-protected door lock system. The user must enter the correct password to unlock the door. """ # Predefined password

stored\_password = "secure123" print("Welcome to the Password-Protected Door Lock System.")

# Allow up to 3 attempts to enter the correct password

for attempt in range(1, 4):

entered\_password = input(f"Attempt {attempt}/3 - Enter the password: ")

if entered\_password == stored\_password:

print("\nAccess Granted! Door is unlocked.")

break

else:

print("Incorrect password. Try again.")

else:

print("\nAccess Denied! Too many failed attempts.")

# Run the program

if \_name\_ == "\_main\_":

door\_lock\_system()