# Initialize the dictionary with some friends' names and phone numbers

friends\_dict = {

'Alice': '123-456-7890',

'Bob': '987-654-3210',

'Charlie': '555-555-5555'

}

# Function to print the dictionary sorted by keys

def print\_sorted\_dictionary(d):

for key in sorted(d.keys()):

print(f"{key}: {d[key]}")

# Print the sorted dictionary

print("Current dictionary (sorted):")

print\_sorted\_dictionary(friends\_dict)

# Prompt the user for a name

name = input("Enter a friend's name to check: ")

# Check if the name is in the dictionary

if name in friends\_dict:

print(f"{name} is already in the dictionary with the number {friends\_dict[name]}.")

else:

# If the name is not present, prompt for the phone number and add to the dictionary

phone\_number = input(f"Enter the phone number for {name}: ")

friends\_dict[name] = phone\_number

print(f"{name} has been added to the dictionary.")

print("Updated dictionary (sorted):")

print\_sorted\_dictionary(friends\_dict)

