# **Additional Test cases to see if your solution is passing the test cases**

## **FindBusinessBasedOnCity**

### **Test Case 1**

| true\_results =['3 Palms$7707 E McDowell Rd, Scottsdale, AZ 85257$Scottsdale$AZ', "Bob's Bike Shop$1608 N Miller Rd, Scottsdale, AZ 85257$Scottsdale$AZ", 'Ronan & Tagart, PLC$8980 E Raintree Dr, Ste 120, Scottsdale, AZ 85260$Scottsdale$AZ', "Sangria's$7700 E McCormick Pkwy, Scottsdale, AZ 85258$Scottsdale$AZ", 'Turf Direct$8350 E Evans Rd, Scottsdale, AZ 85260$Scottsdale$AZ']  try:  FindBusinessBasedOnCity('Scottsdale', 'output\_city.txt', data)  except NameError as e:  print ('The FindBusinessBasedOnCity function is not defined! You must run the cell containing the function before running this evaluation cell.')  except TypeError as e:  print(e)  print ("The FindBusinessBasedOnCity function is supposed to accept three arguments. Yours does not!")  try:  opf = open('output\_city.txt', 'r')  except FileNotFoundError as e:  print ("The FindBusinessBasedOnCity function does not write data to the correct location.")  lines = opf.readlines()  if len(lines) != 5:  print ("The FindBusinessBasedOnCity function does not find the correct number of results, should be 5.")  lines = [line.strip() for line in lines]  if sorted(lines) == sorted(true\_results):  print ("Correct! You FindBusinessByCity function passes these test cases. This does not cover all possible test edge cases, however, so make sure that your function covers them before submitting!") |
| --- |

### **Test Case 2**

| true\_results =['Arizona Exterminating Co.$521 E Broadway Rd, Mesa, AZ 85204$Mesa$AZ', 'Bikram Yoga$1940 W 8th St, Ste 111, Mesa, AZ 85202$Mesa$AZ', "Denny's Restaurant$1330 S Power Rd, Mesa, AZ 85206$Mesa$AZ", 'Diamondback Gymnastics$7211 E Southern Avenue, Mesa, AZ 85209$Mesa$AZ', 'Southeast Valley Medical Group$1950 S Country Club Dr, Mesa, AZ 85210$Mesa$AZ', 'Spa Pima$2150 S Power Rd, Mesa, AZ 85209$Mesa$AZ', 'The Seafood Market$1910 S Gilbert Rd, Mesa, AZ 85204$Mesa$AZ']  try:  FindBusinessBasedOnCity('Mesa', 'output\_city.txt', data)  except NameError as e:  print ('The FindBusinessBasedOnCity function is not defined! You must run the cell containing the function before running this evaluation cell.')  except TypeError as e:  print(e)  print ("The FindBusinessBasedOnCity function is supposed to accept three arguments. Yours does not!")  try:  opf = open('output\_city.txt', 'r')  except FileNotFoundError as e:  print ("The FindBusinessBasedOnCity function does not write data to the correct location.")  lines = opf.readlines()  if len(lines) != 7:  print ("The FindBusinessBasedOnCity function does not find the correct number of results, should be 7.")  lines = [line.strip() for line in lines]  if sorted(lines) == sorted(true\_results):  print ("Correct! You FindBusinessByCity function passes these test cases. This does not cover all possible test edge cases, however, so make sure that your function covers them before submitting!") |
| --- |

## 

## **FindBusinessBasedOnLocation**

### **Test Case 1**

| true\_results =['Turf Direct']  try:  FindBusinessBasedOnLocation(['Gardeners'], [33.3482589, -111.9088346], 20, 'output\_loc.txt', data)  except NameError as e:  print ('The FindBusinessBasedOnLocation function is not defined! You must run the cell containing the function before running this evaluation cell.')  except TypeError as e:  print ("The FindBusinessBasedOnLocation function is supposed to accept five arguments. Yours does not!")  try:  opf = open('output\_loc.txt','r')  except FileNotFoundError as e:  print ("The FindBusinessBasedOnLocation function does not write data to the correct location.")  lines = opf.readlines()  if len(lines) != 1:  print ("The FindBusinessBasedOnLocation function does not find the correct number of results, should be only 1.")  lines = [line.strip() for line in lines]  if sorted(lines) == sorted(true\_results):  print ("Correct! Your FindBusinessBasedOnLocation function passes these test cases. This does not cover all possible edge cases, so make sure your function does before submitting.") |
| --- |

### **Test Case 2**

| true\_results = ['Nothing Bundt Cakes', 'P.croissants']  try:  FindBusinessBasedOnLocation(['Bakeries'], [33.3482589, -111.9088346], 15, 'output\_loc.txt', data)  except NameError as e:  print ('The FindBusinessBasedOnLocation function is not defined! You must run the cell containing the function before running this evaluation cell.')  except TypeError as e:  print ("The FindBusinessBasedOnLocation function is supposed to accept five arguments. Yours does not!")  try:  opf = open('output\_loc.txt','r')  except FileNotFoundError as e:  print ("The FindBusinessBasedOnLocation function does not write data to the correct location.")  lines = opf.readlines()  if len(lines) != 2:  print ("The FindBusinessBasedOnLocation function does not find the correct number of results, should be only 2.")  lines = [line.strip() for line in lines]  if sorted(lines) == sorted(true\_results):  print ("Correct! Your FindBusinessBasedOnLocation function passes these test cases. This does not cover all possible edge cases, so make sure your function does before submitting.") |
| --- |

### 

### **Test Case 3**

| true\_results = ['Nothing Bundt Cakes', 'Olive Creations', 'P.croissants', 'The Seafood Market']  try:  FindBusinessBasedOnLocation(['Food', 'Specialty Food'], [33.3482589, -111.9088346], 30, 'output\_loc.txt', data)  except NameError as e:  print ('The FindBusinessBasedOnLocation function is not defined! You must run the cell containing the function before running this evaluation cell.')  except TypeError as e:  print ("The FindBusinessBasedOnLocation function is supposed to accept five arguments. Yours does not!")  try:  opf = open('output\_loc.txt','r')  except FileNotFoundError as e:  print ("The FindBusinessBasedOnLocation function does not write data to the correct location.")  lines = opf.readlines()  if len(lines) != 4:  print ("The FindBusinessBasedOnLocation function does not find the correct number of results, should be only 4.")  lines = [line.strip() for line in lines]  if sorted(lines) == sorted(true\_results):  print ("Correct! Your FindBusinessBasedOnLocation function passes these test cases. This does not cover all possible edge cases, so make sure your function does before submitting.") |
| --- |