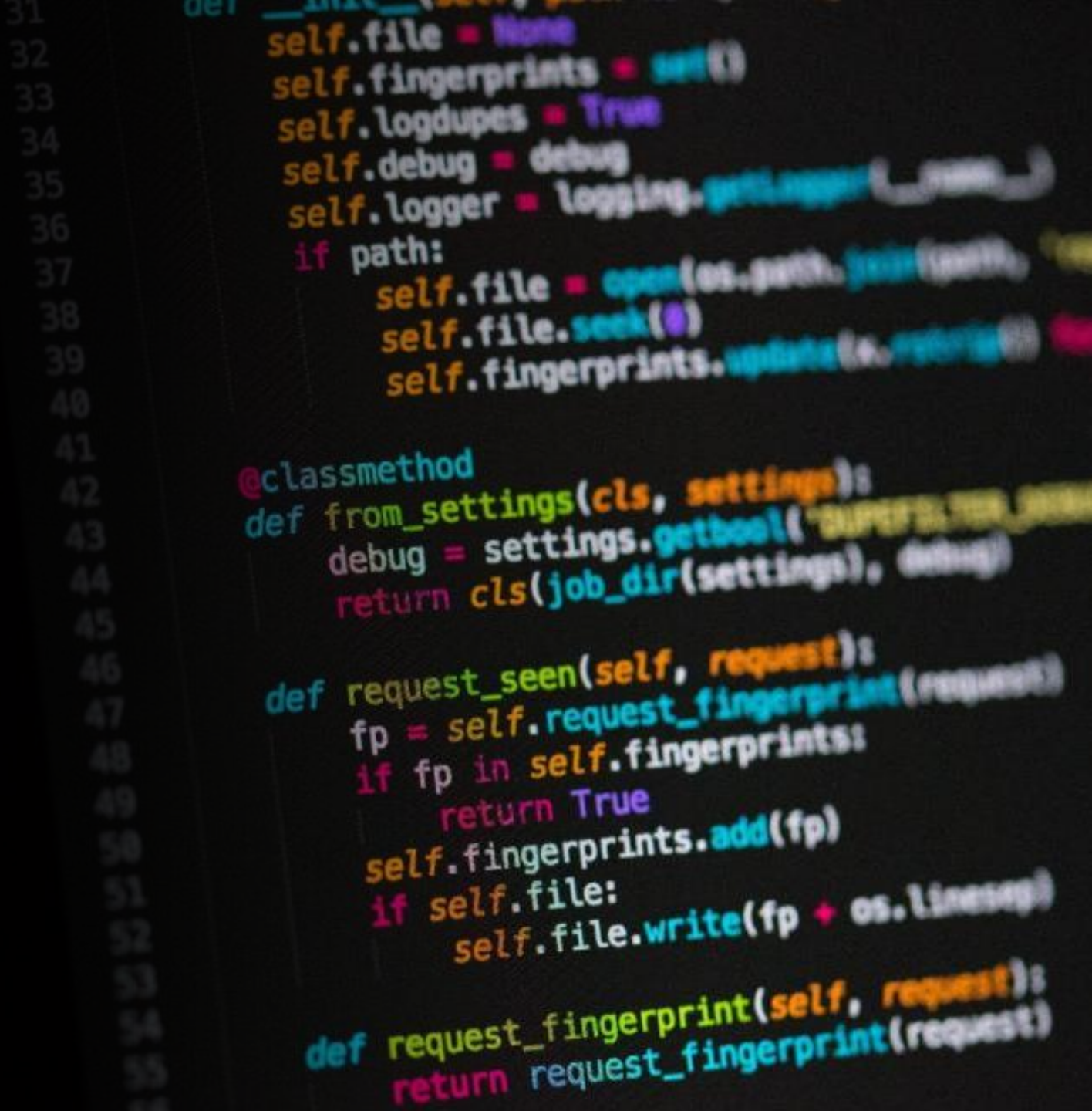
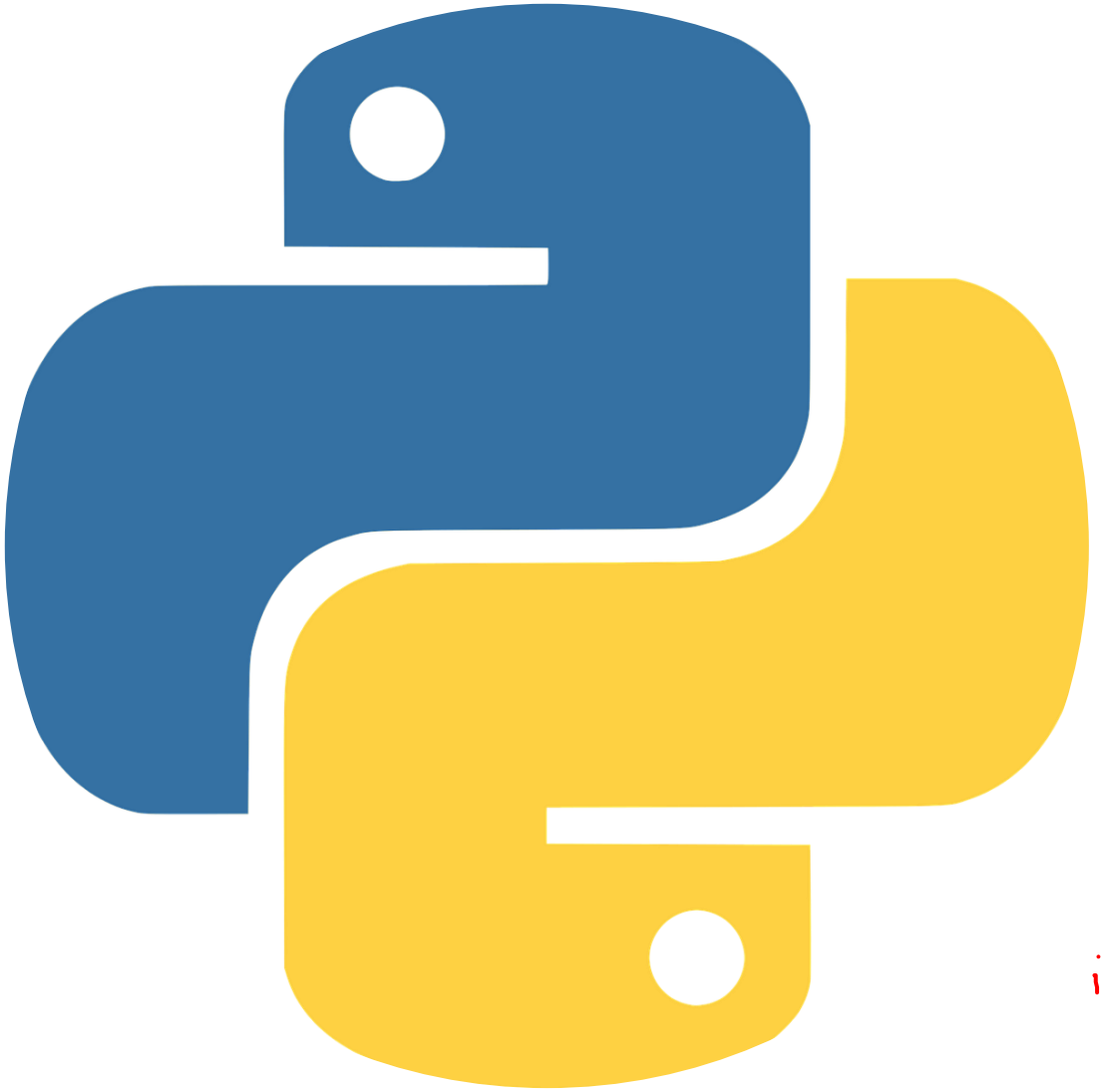
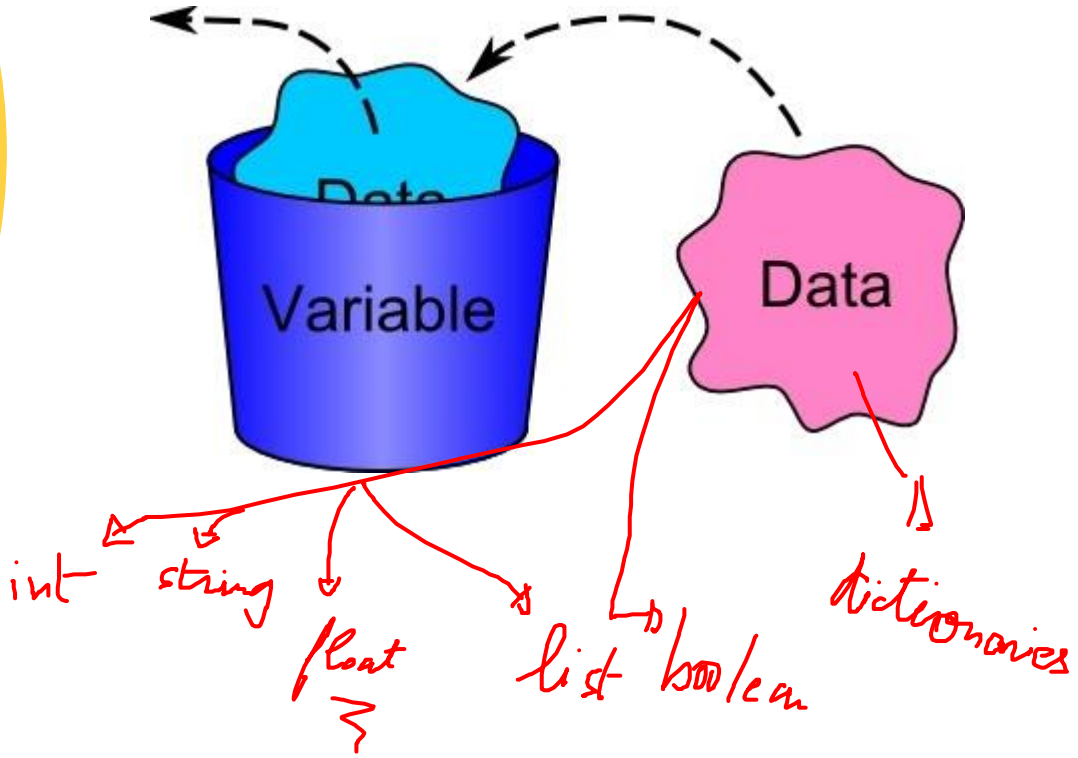
# Welcome Back PYTHONISTAS



# Dictionaries



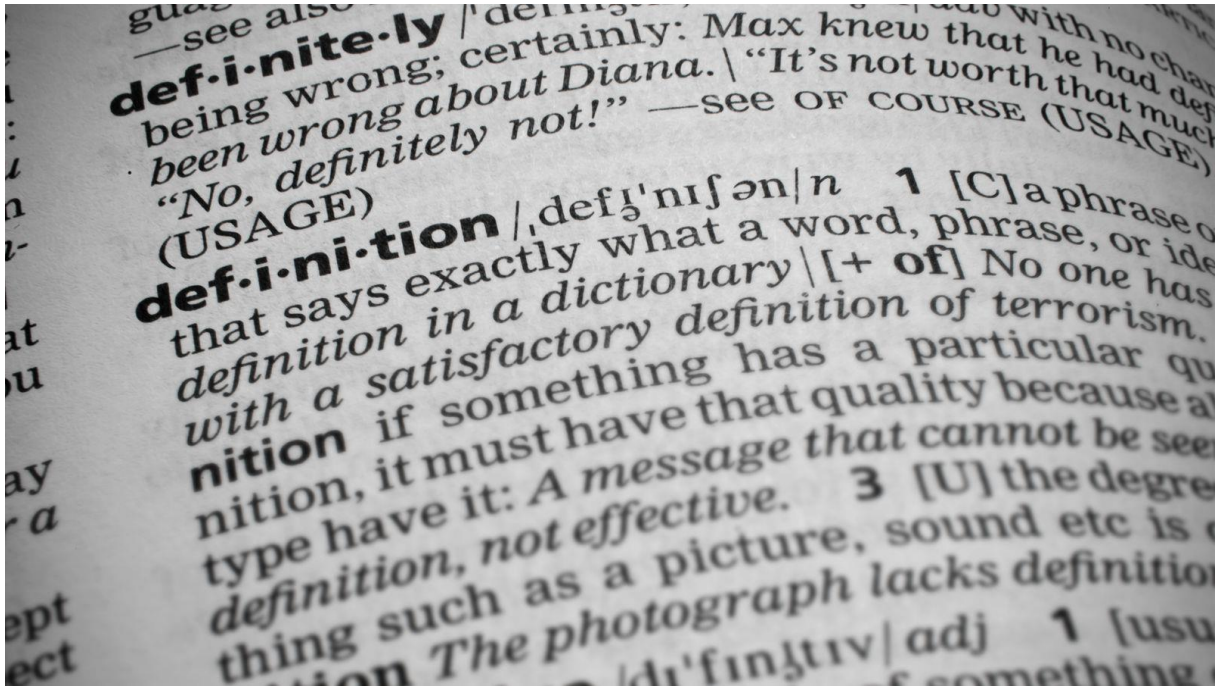
# Data types



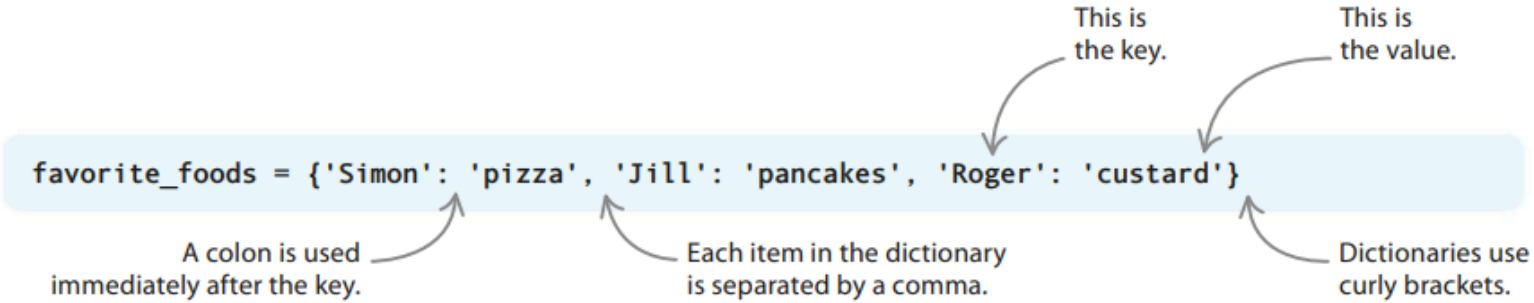
# Storing information

Dictionaries work a bit like lists, but each item in a dictionary has two parts, called a key and a value. It's usually quicker to look things up in a dictionary than it is to find something in a long list.

For example, You can store the names of countries and their capitals in a dictionary.



# How Dictionaries work




▽ **1.** To show the contents of a dictionary, you have to print it. Try printing `favorite_foods`.

```
print(favorite_foods)
```

Type this in the shell and hit enter/return.

▽ **2.** Now add a new item to the dictionary: Julie and her favorite food. She likes cookies.

```
favorite_foods['Julie'] = 'cookies'
```

Key — Value

▽ **3.** Jill has changed her mind—her favorite food is now tacos. You can update this information in the dictionary.

```
favorite_foods['Jill'] = 'tacos'
```

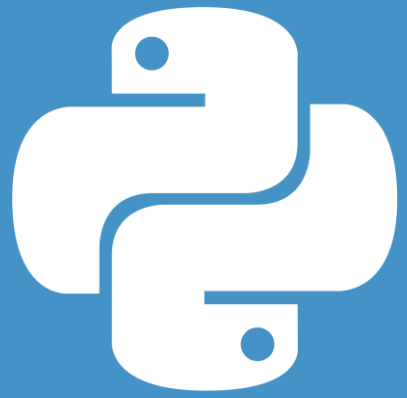
Updated value

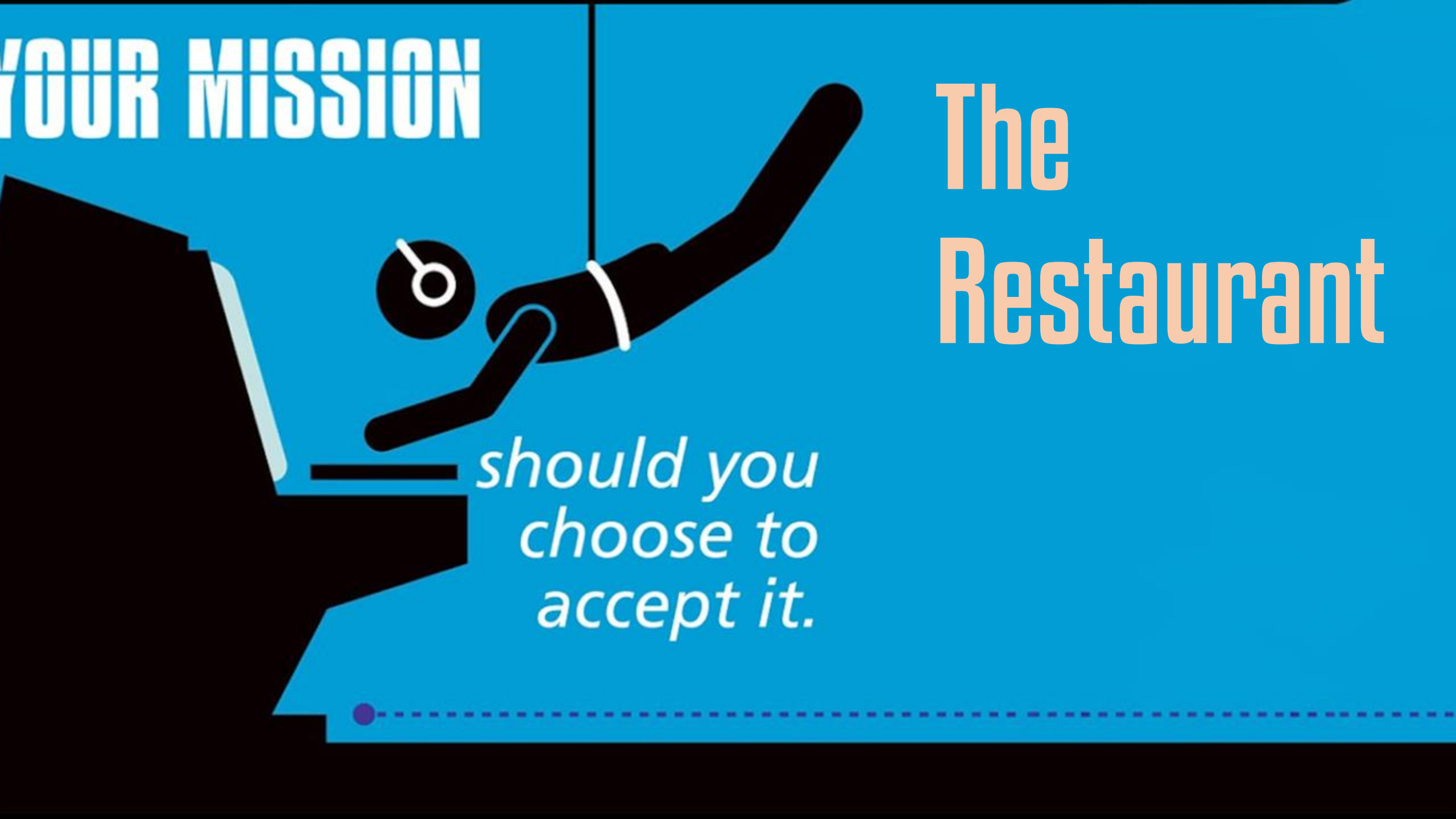
▽ **4.** Finally, you can look up Roger's favorite food in the dictionary by simply using his name as the key.

```
print(favorite_foods['Roger'])
```

Use the key to look up the value.

# Time to code






# The Restaurant

## APPETIZERS

| | |
|---|---|
| Hot Antipasto for 1 Person | $11.00 |
| Hot Antipasto for 2 People | $16.00 |
| Grilled Calamari | $11.00 |
| Mozzarella in Carrozza | $8.75 |
| Chicken Wings | 9 Pcs. $7.00 |
| Chicken Wings | 14 Pcs. $9.50 |
| Zucchini Sticks | 7 Pcs. $2.75 |
| Potato Croquettes | 5 Pcs. $2.75 |
| Mozzarella Sticks | 7 Pcs. $6.75 |
| Pizza Fries | $5.75 |
| Disco Jerry Fries | $4.50 |
| Grilled Chicken Platter | $6.50 |
| with French Fries | $9.00 |
| Broccoli Rabe | $8.00 |
| with Sausage | $10.50 |
| String Beans | $7.75 |
| Rice Ball | $2.50 |
| French fries. | $3.50 |
| Beef Patty. | $2.75 |
| with Cheese | $3.50 |
| with Cheese and Pepperoni | $4.25 |

## HOUSE SPECIALS

Special Garlic Knots (5) for $1.25
Sauce .30¢

## COLD SANDWICHES

| | |
|---|---|
| Ham & Provolone | $6.50 |
| Salami & Provolone | $6.50 |
| Pepperoni & Provolone | $6.50 |
| Ham, Salami & Provolone | $8.00 |
| Ham, Salami, Pepperoni & Provolone | $8.25 |
| Turkey & Provolone or American Cheese | $7.50 |
| Roast Beef & Provolone | $7.50 |
| Pastrami & Provolone | $8.00 |
| Grilled Chicken Sandwich | $7.50 |
| Grilled Chicken Caprese Sandwich | $10.00 |

*Fresh Mozzarella & Roasted Peppers*

## SOUPS OF THE DAY

| | |
|---|---|
| Chicken | $6.00 |
| Pasta Fagioli | $6.00 |
| Lentil | $6.00 |

## SALAD

| | |
|---|---|
| Small Tossed Salad | $7.00 |
| Large Tossed Salad | $8.25 |
| Tomato Salad | $6.75 |
| Tomato Salad w/ Fresh Mozzarella | $8.75 |
| Antipasto | $8.00 |
| Large Antipasto | $9.25 |
| Chef Salad | $9.25 |
| Grilled Chicken Salad | $10.00 |
| Caesar Salad | $7.75 |
| ChickenCaesar Salad | $10.00 |
| Greek Salad | $8.75 |

Extra Dressing .50¢

## HOT SANDWICHES

| | |
|---|---|
| Meatballs | $7.00 |
| Meatballs Parmigiana | $7.75 |
| Sweet Sausage | $7.00 |
| Sausage Parmigiana | $7.75 |
| Sausage & Peppers | $7.25 |
| Eggplant Parmigiana | $7.25 |
| Chicken Parmigiana | $7.75 |
| Veal Parmigiana | $8.75 |
| Veal & Peppers | $8.75 |
| Fried Veal | $8.75 |
| Lettuce & Tomato | |
| Peppers & Eggs | $6.75 |
| Sausage & Eggs | $8.00 |
| Shrimp Parmigiana | $8.75 |
| Fried Shrimp | $8.75 |
| Lettuce & Tomato | |
| Cheesesteak | $8.75 |
| Lettuce & Tomato | |
| Mozzarella Sandwich | $8.00 |

Extra Cheese $1.00

http://www.jerryspizza440.com/images/appetizers-menu.jpg

Transform this menu into a dictionary.

Ask the user for what he wants to eat (Appetizer, then sandwich)

Ask the user if he wants Extra Cheese

Ask the user if he wants to order something else ( Appetizer or Sandwich)

Once the user finishes his/her order. Give him/her the receipt.