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Dictionary homework

10/7/2024

CloudSpace Academy

1-

```
2- # Create an English to French translator program.  
3- # The program takes a word from the user as an input and translates it  
    using a dictionary data type as a vocabulary  
4- # Please add the translation of 'prune' in your homework  
5- # If the word is not in the code vocabulary print ({word} is not in my  
    memory)
```

```

7 # first we define the words in English and their translation in French
8 word_english_french = {
9     "good morning": "bonjour",
10    "good night": "bonne nuit",
11    "i am sorry": "je suis désolé",
12    "i love you": "je t'aime",
13    "how are you": "comment ça va",
14    "prune": "élaguer",
15    "what's your name": "comment tu t'appelles",
16    "East coast the best coast": "la côte Est est la meilleure côte",
17 }
18
19 # Prompt the user to say something
20 text_to_translate = input("Say something in English:\n")
21
22 # Use the get method to retrieve the translation
23 translation = word_english_french.get(text_to_translate)
24
25 # Check if translation is available and print the result
26 if translation:
27     print(f"The translation in French is: {translation}")
28 else:
29     print("The word is not in my memory. Please help me find it.")
30

```

PROBLEMS (10) OUTPUT DEBUG CONSOLE **TERMINAL** PORTS GITLENS

> v TERMINAL

```

WIN10@DESKTOP-OL1MV38 MINGW64 ~/Documents/CloudFormation/Python (master)
• $ python dictionary1.py
Say something in English:
how are you
The translation in French is: comment ça va

WIN10@DESKTOP-OL1MV38 MINGW64 ~/Documents/CloudFormation/Python (master)
• $ python dictionary1.py
Say something in English:
prune
The translation in French is: élaguer

WIN10@DESKTOP-OL1MV38 MINGW64 ~/Documents/CloudFormation/Python (master)
• $ python dictionary1.py
Say something in English:
west coast the best coast
The word is not in my memory. Please help me find it.

```

2-

## HOMEWORK2:

Print out the **last name** of the second employee. Please search through the dictionary below: \*\*Alexandra

```
d = {"employees":[{"firstName": "John", "lastName": "Doe"},
                  {"firstName": "Anna", "lastName": "Smith"},
                  {"firstName": "Peter", "lastName": "Jones"}],
     "owners":[{"firstName": "Jack", "lastName": "Petter"},
              {"firstName": "Jessy", "lastName": "Petter"}]}
```

```
1 # print out the last name of the second employee. Please search through the dictionary below: ** Alexandra
2
3 d = {"employees":[{"firstName": "John", "lastName": "Doe"},
4 {"firstName": "Anna", "lastName": "Smith"},
5 {"firstName": "Peter", "lastName": "Jones"}],
6 "owners":[{"firstName": "Jack", "lastName": "Petter"},
7 {"firstName": "Jessy", "lastName": "Petter"}]}
8
9 # using the index method to find the last name of the second employee
10 # also, using the get method to look for Amanda, and in case it's not on the dictionary it will output a none message
11
12 print(d["employees"][1]["lastName"])
13 print(d.get("Amanda"))
```

PROBLEMS 9 OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS

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WIN10@DESKTOP-OL1MV38 MINGW64 ~/Documents/CloudFormation/Python (master)

• \$ python dictionary2.py

Smith

None