**DAILY ASSESMENT REPORT**

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| **Date:20/5/2020** |  | **Name:CHANDANA.R** |  | |
| **Course: Python** |  | **USN:4AL16EC017** |  | |
| **Topic:Application1:Build an interactive English dictionary** |  | **Semester & Section:** | **8th “A”** | |
| **Image of the session** | | | |
| **AFTERNOON SESSION**  **REPORT:**  The w.title() method will convert the first letter to uppercase and the rest to lowercase. If the program didn't find anything for "texas" in the first conditional in lines 6 and 7, then this conditional will try to search for "Texas". Even if the user entered "TEXAS" this conditional will convert it to "Texas". Lines 8 and 9 were added to make sure the program returns the definition of words that start with a capital letter (e.g. Delhi or Texas):   1. import json   from difflib import get\_close\_matches   1. data = json.load(open("data.json")) 2. def translate(w): 3. w = w.lower() 4. if w in data: 5. return data[w] 6. elif w.title() in data: #if user entered "texas" this will check for "Texas" as well. 7. return data[w.title()] 8. elif len(get\_close\_matches(w, data.keys())) > 0: 9. yn = input("Did you mean %s instead? Enter Y if yes, or N if no: " % get\_close\_matches(w, data.keys())[0]) 10. if yn == "Y": 11. return data[get\_close\_matches(w, data.keys())[0]] 12. elif yn == "N": 13. return "The word doesn't exist. Please double check it." 14. else: 15. return "We didn't understand your entry." 16. else: 17. return "The word doesn't exist. Please double check it." 18. word = input("Enter word: ") 19. output = translate(word) 20. if type(output) == list: 21. for item in output: 22. print(item) 23. else: 24. print(output)   **The program returns the definition of acronyms (e.g., USA or NATO.)**  import json  from difflib import get\_close\_matches  data = json.load(open("data.json"))  def translate(w):  w = w.lower()  if w in data:  return data[w]  elif w.title() in data:  return data[w.title()]  elif w.upper() in data: #in case user enters words like USA or NATO  return data[w.upper()]  elif len(get\_close\_matches(w, data.keys())) > 0:  yn = input("Did you mean %s instead? Enter Y if yes, or N if no: " % get\_close\_matches(w, data.keys())[0]  if yn == "Y"  return data[get\_close\_matches(w, data.keys())[0]]  elif yn == "N":  return "The word doesn't exist. Please double check it."  else:  return "We didn't understand your entry."  else:  return "The word doesn't exist. Please double check it."  word = input("Enter word: ")  output = translate(word)  if type(output) == list:  for item in output: print(item) else  print(output) | | | |
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