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EmployeeIDs = [101, 102, 103, 104, 105, 106, 107]
Salaries = [45000, 52000, 61000, 48000, 39000, 72000, 67000]
EmployeeData = dict(zip(EmployeeIDs, Salaries))
print("EmployeeData Dictionary:", EmployeeData)
highest_salary = -1
for salary in EmployeeData.values():
    if salary > highest_salary:
        highest_salary = salary
print("Highest Salary:", highest_salary)
count = 0
for salary in EmployeeData.values():
    if salary > 50000:
        count += 1
print("Number of employees earning more than 50,000:", count)
employee_id_to_find = 106
salary_of_employee = None
for emp_id, salary in EmployeeData.items():
    if emp_id == employee_id_to_find:
        salary_of_employee = salary
        break
if salary_of_employee is not None:
    print(f"Salary of employee with ID {employee_id_to_find}: ", salary_of_employee)
else:
    print(f"Employee ID {employee_id_to_find} not found.")

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2.

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def reverse_words(sentence):
    words = sentence.split()
    reversed_sentence = ' '.join(reversed(words))
    return reversed_sentence

def count_word_occurrences(paragraph):
    word_count = {}
    words = paragraph.split()
    for word in words:
        word = word.lower().strip(".,!?")
        word_count[word] = word_count.get(word, 0) + 1
    return word_count

def replace_word(paragraph, old_word, new_word):
    return paragraph.replace(old_word, new_word)

def menu():
    while True:
        print("\nMenu:")
        print("1. Reverse the words in a sentence")
        print("2. Count occurrences of each word in a paragraph")
        print("3. Find and replace all occurrences of a specific word in a paragraph")
        print("4. Exit")
        choice = input("Enter your choice: ")
        if choice == "1":
            sentence = input("Enter a sentence: ")
            print("Reversed Sentence:", reverse_words(sentence))
        elif choice == "2":
            paragraph = input("Enter a paragraph: ")
            word_count = count_word_occurrences(paragraph)
            print("Word Count:", word_count)
        elif choice == "3":
            paragraph = input("Enter a paragraph: ")

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    old_word = input("Enter the word to replace: ")
    new_word = input("Enter the new word: ")
    print("Modified Paragraph:", replace_word(paragraph, old_word, new_word))
elif choice == "4":
    print("Exiting program...")
    break
else:
    print("Invalid choice. Please try again.")

menu()
```