**Python Dictionary Assignments**

1. Create a dictionary of 5 students with their marks. Print all student names and their marks.
2. Add a new student to the dictionary and update marks for an existing student.
3. Delete a student from the dictionary.
4. Check if a particular student name exists in the dictionary.
5. Get the student with the highest marks from the dictionary.
6. Count how many students scored above 75.
7. Convert two lists (names and marks) into a dictionary.
8. Write a program to merge two dictionaries.
9. Write a program to find the average marks of all students in the dictionary.
10. Create a nested dictionary for student data (name, age, subject-wise marks), and print details of a specific student.

**Python If-Else Assignments**

1. Write a program to check if a number is even or odd.
2. Write a program to find if a person is eligible to vote (age ≥ 18).
3. Check if a number is positive, negative, or zero.
4. Write a program to find the largest of two numbers.
5. Write a program to check if a year is a leap year.
6. Accept marks from the user and print grade:
   * 90: A
   * 75–90: B
   * 60–74: C
   * <60: Fail
7. Write a program to check if a given character is a vowel or consonant.
8. Accept a number and check if it is divisible by 3 and 5.
9. Write a program to input 3 numbers and find the largest among them.
10. Write a program that checks whether a person gets a discount based on the total bill amount (e.g., if bill > 1000 → 10% discount).