**Binary Search Tree (BST) Program**

This program implements a Binary Search Tree (BST) to manage subjects and their corresponding grades. It allows users to perform various operations on the BST, such as adding subjects, adding grades to subjects, printing subjects with their grades, finding subjects, removing subjects, removing grades from subjects, finding the maximum grade in all subjects, displaying the BST in post-order, and exiting the program.

**Functionalities**

1. Adding a New Subject

Users can add a new subject to the BST.

2. Adding a Grade to a Subject

Users can add a grade to an existing subject in the BST. Grades can be integers or floats from 0 to 100.

3. Printing Subjects with Grades

Prints all subjects along with their respective grades and average grades.

4. Finding a Subject

Allows users to search for a specific subject in the BST.

5. Removing a Subject

Removes a subject and its associated grades from the BST.

6. Removing a Grade from a Subject

Removes a specific grade from a subject.

7. Finding the Maximum Grade in All Subjects

Displays the maximum grade among all subjects.

8. Displaying the BST in Post-Order

Prints the Binary Search Tree in Post-Order traversal.

9. Exiting the Program

Users can choose option 9 at any time to exit the program.

**Usage Instructions**

Adding a Subject or Grade:

Choose the respective option and follow the prompts to add subjects or grades.

Printing Subjects and Grades:

Select the print option to view subjects and their associated grades.

Finding and Removing Subjects:

Use the find or remove options to search for or delete specific subjects.

Removing a Grade from a Subject:

Choose the option to remove a grade and follow the prompts.

Finding the Maximum Grade:

Select the option to find the maximum grade among all subjects.

Displaying the BST in Post-Order:

Choose the corresponding option to view the BST in post-order traversal.

Exiting the Program:

Select option 9 at any time to exit the program.

**Assumptions and Limitations**

Grades are limited between 0 and 100 (can be changed).

Subject names can consist of multiple words (eg. Data Structures).