1. **Selection Sort Function (Selection\_Sort):**
   * Implements the selection sort algorithm to sort the given list of marks in ascending order.
   * Finds the minimum element in the unsorted portion and swaps it with the first element in that portion.
   * Iterates through the entire list until the entire list is sorted.
2. **Bubble Sort Function (Bubble\_Sort):**
   * Implements the bubble sort algorithm to sort the given list of marks in ascending order.
   * Repeatedly steps through the list, compares adjacent elements, and swaps them if they are in the wrong order.
   * The process is repeated until the entire list is sorted.
3. **Top Five Marks Function (top\_five\_marks):**
   * Displays the top five marks from the sorted list (assuming it's sorted in ascending order).
   * Prints the marks in descending order.
4. **Main Section:**
   * Takes input for the number of students (**n**) and their respective marks.
   * Displays the original list of marks.
   * Presents a menu with options:
     + Option 1: Performs selection sort on the marks.
     + Option 2: Performs bubble sort on the marks.
     + Option 3: Exits the program.
   * After sorting, it prompts the user if they want to display the top five marks from the sorted list.
   * Handles invalid choices and exits the program if needed.
5. **Note:**
   * The code ensures that the user enters valid choices and provides options to display the top marks after sorting.

Algorithm:

1. \*\*Selection Sort Function (Selection\_Sort):\*\*

- Input: marks (list of student marks)

- Output: Prints the sorted marks in ascending order.

- Algorithm:

- Iterate through each element in the list (marks).

- For each element, find the index of the minimum element in the remaining unsorted portion of the list.

- Swap the current element with the minimum element.

- Continue this process until the entire list is sorted.

- Print the sorted marks.

2. \*\*Bubble Sort Function (Bubble\_Sort):\*\*

- Input: marks (list of student marks)

- Output: Prints the sorted marks in ascending order.

- Algorithm:

- Iterate through each element in the list (marks).

- For each element, traverse the list from the beginning to the end and swap adjacent elements if they are in the wrong order.

- Continue this process until the entire list is sorted.

- Print the sorted marks.

3. \*\*Top Five Marks Function (top\_five\_marks):\*\*

- Input: marks (list of student marks)

- Output: Prints the top five marks in descending order.

- Algorithm:

- Print the top five marks by reversing the sorted marks list.

4. \*\*Main Program (main):\*\*

- Input: Takes user input for the number of students and their marks.

- Output: Executes sorting functions based on user choice and displays the top marks if requested.

- Algorithm:

- Initialize an empty list marks to store the student marks.

- Take user input for the number of students and their marks.

- Display the menu and process user choices in a loop until the user chooses to exit.

- If the user selects option 1, perform Selection Sort on the marks list and ask if the user wants to display top marks.

- If the user selects option 2, perform Bubble Sort on the marks list and ask if the user wants to display top marks.

- If the user selects option 3, exit the program.

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