

Objectives:

- Set and Map library.

Question 1: In this question is aimed to use the basic set structure and control operations. The menu definition gathers all these processes under a single structure.

- Firstly, create a menu as shown below.
 1. Clear Screen
 2. Insert
 3. Erase
 4. Update
 5. Contains
 6. Count
 7. Find
 8. Lower bound
 9. Upper bound
 10. Equal range
 11. Empty
 12. Size
 13. Clear
 14. Merge
 15. Show
- Define the required functions for each item in the menu using the set data structure library.
- Get a number from the user in the menu selection.
- Include the necessary control codes to prevent invalid menu selections.

Question 2: In this question is aimed to use the basic map structure and control operations. The menu definition gathers all these processes under a single structure.

- Firstly, create a menu as shown below.
 1. Clear Screen
 2. Insert
 3. Erase
 4. Update
 5. Contains
 6. Count
 7. Find
 8. Lower bound
 9. Upper bound
 10. Equal range
 11. Empty
 12. Size
 13. Clear
 14. Merge
 15. Show
- Define the required functions for each item in the menu using the map data structure library.
- Get a number from the user in the menu selection.
- Include the necessary control codes to prevent invalid menu selections.