

Programming Fundamentals

Lab 12



Faculty of Information Technology

UCP Lahore Pakistan

Note: Use Regrow and Shrink

Question 1:

Write a program in C++ that enters the integer data in the array dynamically.

Enter data: 10 20 30

After that Ask from the your to enter a new value **67** in the dynamic array after 20

New dynamic array will be 10 20 67 30

Question 2:

Write a program in C++ that enters the integer data in the array dynamically.

Enter data: 10 20 30

After that Ask from the your to delete 20 value in the dynamic array

New dynamic array will be 10 30

Question 3:

Write a program in C++ that takes a number from a user and removes it from an array of integer and shrink the size of an array.

Example:

Data: 2 3 15 1 82 8 9 10 21 55 12 14 16 18

Number to remove: 55

Maximum Number: 2 3 15 1 82 8 9 10 21 12 14 16 18

Question 4:

Write a program in C++ that reads data from a file (ask user to enter file name). Delete 1-digit numbers and keep only 2- digit numbers from data and shrink the size of array.

Example:

Data: 2 3 15 1 82 8 9 10 21 55 12 14 16 18

Two-digit: 15 82 10 21 55 12 14 16 18

Question 5:

Write a program in C++ that removes the odd numbers from an array of integers. Shrink the size of an array.

Example:

Data: 2 3 15 1 82 8 9 10 21 55 12 14 16 18

Updated Data: 2 82 8 10 12 14 16 18

Question 6:

Write a program in C++ that removes the even index numbers from an array of integers. Shrink the size of an array.

Example:

Data: 2 3 15 1 82 8 9 10 21 55 12 14 16 18

Updated Data: 3 1 8 10 55 14 18