

# LAB 12

**Summary**

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| **Items** | **Description** |
| Course Title | Programming Fundamentals |
| Lab Title | Multi-dimensional Arrays |
| Duration | 3 Hours |
| Operating  System/Tool/ Language | Ubuntu/ g++/ C++ |
| Objective | To get familiar with functions in C++ |

# Lab Description

**Lab Task**

**Write a program to implement following functions in main function.**

1. **InputArray( )** This function will take array elements from user.
2. **DisplayArray( )** This function will display array.
3. **SortArray( )** This function will return sorted array.
4. **FindNum( )** This function will return true if element is present in an array and return

false if element is not present in an array.

1. **FindMax( )** This function will return maximum value in an array.
2. **FindMin( )** This function will return minimum value in an array.
3. **SquareArraySum( )** This function will square each element of an array and return sum of

squared array.

**Submission instructions:**

Submit single .cpp file.

Naming convention of file is: Rollnum\_Lab12\_A.cpp

Good Luck