



University of Central Punjab

(Incorporated by Ordinance No. XXIV of 2002 promulgated by Government of the Punjab)

FACULTY OF INFORMATION TECHNOLOGY

Programming Fundamentals

Lab 08	
Topic	Revision Lab

Task 1:

The Manager of a football stadium wants you to write a program that calculate the total ticket sales after each game. There are four categories of ticket- Box, Sideline, Premium, and General.

After each game data is stored in file in the following format.

Data.txt

Category	ticketPrice	numberOfTicletsSold
Box	250	750
Sideline	100	2800
Premium	50	35750
General	25	1875

Design a menu-based program to implement the following options. Perform the given tasks using functions. (Make as many functions as possible).

1. Search the category with the maximum number of tickets sold.
2. Display only those categories whose total sales exceed 10,000
3. Calculate total number of tickets sold.

Sample Input:

Please Select One of the following options:

1. Search the category with the maximum number of tickets sold.
2. Display only those categories whose total sales exceed 10,000
3. Calculate total number of tickets sold.

Enter your choice: 1

Category with the maximum tickets sold: Premium

Do you want to continue (y/n) : y

Enter your choice: 2

Sideline has total sales 280000

Premium has total sales 1787500



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Do you want to continue (y/n) : **y**

Enter your choice: **3**

Total tickets sold: 41175

Do you want to continue (y/n) : **n**

Task 2:

Write a program that read integer array from file "Integer Data.txt". Now find the most occurring element in an array by using functions and display result on console.

Example:

Integer Data.txt:

4,3,6,4,7,4,3,7,4,2
