



University of Central Punjab

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FACULTY OF INFORMATION TECHNOLOGY

Programming Fundamentals

Section: B15

Assignment	02	Topic	File Handling and Functions
Deadline		Tuesday May 31, 2022: 11:59:59 pm	

Description

You have to write a program using C++ that shows the following menu to user until user enters 0 to exit:

Press 1 to add a new student
Press 2 to display all students
Press 0 to exit the program
Your choice:

Add new student:

If users choose to add a new student, program ask you to enter details of the students. Student details include; **student_id**, **student_name**. Student_id can be your registration no or any user defined id e.g. 1001, 1002 etc. finally, your program saves the record in 1d array. Please note that you have to do these using pointers and memory should be allocated dynamically as per need.

Hint: You can use String data type to store name of the student and can regrow or shrink this array as per need.

Display All students

If users choose this option, your program reads all records from array(s) and display it on console screen. You may be given bonus marks if you display data in tabular form.

Exit program

If user enters 0 as menu option, your program exits.

Please note that for each option, there should be a separate user defined function. Do not write all code in main function. You can have any no. of user defined functions if needed.

The End