**Bahria University, Lahore Campus**

Department of Computer Science

Lab Journal 01

**(Spring 2024)**

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| Course: | **Compiler Construction – Lab** | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Course Code: | CSL 323 | Max Marks: 10 |
| Faculty’s Name: | Mr. M Mudassar |  |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enroll No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Objective(s):

Upon completion of this lab session, learners will be able to:

* The objective of this exercise is to get you to write, compile, and run several simple programs in C++ that make use of basic pointers and structures.

Lab Tasks:

Your lab report is expected to contain the following for each exercise:

* C++ Source Code (any file)
* Screenshot of your output (optional)

**Task 1:**

Consider any one of the struct of your own choice (optionally can be the Accounts, Pets, Vehicle, MobileShop, etc.). Structure must have at-least 4 variables (one int, char [], double, and string). The program must access struct variables, assign values to them, prints them, and them into a function to print the values.

## Task 2:

Consider any one of the struct of your own choice (optionally can be the Accounts, Pets, Vehicle, MobileShop, etc.). Structure must have at-least 4 variables (one int, char [], double, and string). The program must access struct variables, assign values to them, prints them, and them into a function to print the values. Do this task using pointer variables.

**Lab Grading Sheet :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Max Marks** | **Obtained Marks** | **Comments(*if any*)** |
| 1. | 05 |  |  |
| 2. | 05 |  |  |
|  |  |  |  |
|  |  |  |  |
| **Total** | **10** |  | **Signature** |

**Note: Attempt all tasks and get them checked by your Lab Instructor.**