

Programming Fundamentals LAB – BSDSF24

(Both Morning and Afternoon)

Lab 15 – 03-01-2025

use notepad++ and developer command prompt for the following tasks (10 mark each)

IN LAB TASKS (50 mark each)

1. Create a struct named **Teacher** with data members name, course, and department as string plus rank as integer. Create an array of a few (say 4) Teacher pointers, then allocate memory for a teacher object to each pointer of array using loop. Then input the data of teachers in the array and later print the data in the following form.

Sr. No	Name	Course	Department	Rank
1	Tahir	QT	DS	6
2	Riaz	ENG	SE	7

Where Sr No is generated on the fly, it is not part of the array data.

2. Demonstrate the working of **structure or object linking** by creating some appropriate structures. You may refer to class notes. You are required to use only pointer variables except the **other** data members of the structures.

-- End of Lab --