Data structures and Algorithms LAB – BSEF19
(Morning and Afternoon)
Lab 01 – 26-02-2021

Task 01 (10 each)

1. Understand, debug (if required) and execute three code files provided. Note down your observations and comments in a document file. You must note the time taken in three cases.

Task 02 (10 each)

1. Save all the .XLSX files as .CSV in the .ZIP attachment using the **Save As** option of the EXCEL. Open a small .CSV file in text editor to view that data stored in it.
2. Copy all the .CPP files as a new set of files. Update the following line in the main functions as

Current	Updated
int arr[] = { 2, 3, 4, 10, 40 };	int *arr = readDataFile();
return 0;	delete [] arr; return 0;

You have to create the same following function in all files as follows. The function will get input file name from the user and them read data from that file in a dynamic sized array and return the address of that filled array.

```
int * readDataFile()
{

}
```

3. Run the code for all the .CSV files and n Note down your observations and comments in a document file. You must note the time taken in three cases.

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