

Week 3 - Lab Session

In this lab session, you will be writing to understand and practice command line arguments in C. You will complete a couple of tasks. Please, read them carefully, write the code, compile, and run the code. Ensure your code works properly.

Task 1: Write a C code that accepts some command line arguments and display each of them. Sample run and output:

```
>./firstTask.exe yalova 10 ali veli c
Number of arguments including file name: 6
Argument 1: yalova
Argument 2: 10
Argument 3: ali
Argument 4: veli
Argument 5: c
```

Task 2: Write a C code that accepts some command line arguments and sums each of them. Sample run and output:

```
>./secondTask.exe 90 10 70 20 40
Total = 230
```

Task 3: Write a C code that accepts one command line argument (not including the file name) and reverses it. Sample run and output:

```
>./thirdTask.exe yalova
avolay
>./thirdTask.exe 2903
3092
```

Task 4: Write a C code that accepts one command line argument (not including the file name) and calculates the factorial of that number.

```
>./fourthTask.exe 5
5! = 120
```