**Government College University, Lahore**

**Operating Systems Lab.**

**Semester: 5th Session: 2019-23**

**Section: A/B/C**

**Assignment-1 (Individual)**

**Due Date:** Next Lab (Before 08:00 AM)

**Topic**: Command Line Arguments

**Question:**

Write a C program with 7 operations, add, sub, mul, div, mod, fact, power

**Task:**

1. Take 2 integers as input from user i.e. num1, num2
2. Initialize a variable “operation” with command line arguments.
3. When operation is “sum” than show the sum of two variables.
4. When operation is “sub” than show subtraction of two variables.
5. When operation is “mul” than show multiplication of two variables.
6. When operation is “div” than show division of two variables.
7. When operation is “mod” than show modulus of two variables.
8. When operation is “fact” than show factorial of both variables.
9. When operation is “power” than show power of both variables.

**Hint:** operation variable will be: string operation = argv[1];