

## C programming lab questions on 28/10/2024

### Title: Programs functions

#### Preparation questions

1. Write a program which reads two numbers and write function to find its sum and print the result inside the function itself.
2. Write a function to swap the values of two numbers.
3. Write a function to check whether the given number is prime or not.
4. Write a function to reverse the digits of a given number and the function has to return the result to main().

#### Execution

1. Write a function to perform four basic arithmetic operations on two integer variable. In main(), get the user input for two variables(integer)and operator (character type).
2. Write a function to find the factorial of a given number.
3. Write a function to find the minimum element in an array.
4. Write a function to sort an array of integers
5. Write a function to add two matrices
6. Write a function to swap the values of two numbers. (use call by reference)

#### Spot

7. Write a function to sort an array of strings