



THE ARAB AMERICAN UNIVERSITY FACULTY  
OF ENGINEERING AND IT

## Practice Assignment #2 (Version Control with Git and GitHub)

Name: Dana Sammar

ID : 202111117

Introduction: In this assignment, we will build on the practical analysis of the factorial calculation assignment you previously completed. Understanding and utilizing version control is a fundamental skill for any software developer. We will use Git, a widely adopted version control system, and GitHub, a platform for hosting and collaborating on Git repositories.

## 1. The GitHub repository link.

<https://github.com/Danasammar/AlgorithmsCourse>

## 2.The commands used for each step.

First initialized empty git repository:

```
$ git init
```

Then add the file:

```
$ git add factorial.cpp
```

Then I check if the file was added:

```
$ git status
```

Then create commit:

```
$ git commit -m "commit"
```

Then remote:

```
$ git remote add origin https://github.com/Danasammar/AlgorithmsCourse
```

Then:

```
$ git remote
```

Then to push:

```
$ git push origin master
```