

# Create an MVC Application to Manage Data for School Application

## DESCRIPTION

Using ASP.NET MVC project to create a web based application, which will allow an admin to do CRUD operations on Student, Subject and Classe tables in the database

### Background of the problem statement:

Rainbow School is creating software for school management. After creating the database, the first step is to populate the database using a web-based application.

### You must use the following:

Visual Studio 2019 Community Edition

SQL Server 17 Express Edition

### Following requirements should be met:

Some of the source code should be tracked on GitHub repositories. You need to document the tracked files that are ignored during the final push to the GitHub repository.

The submission of your GitHub repository link is mandatory. In order to track your task, you need to share the link of the repository in the document.

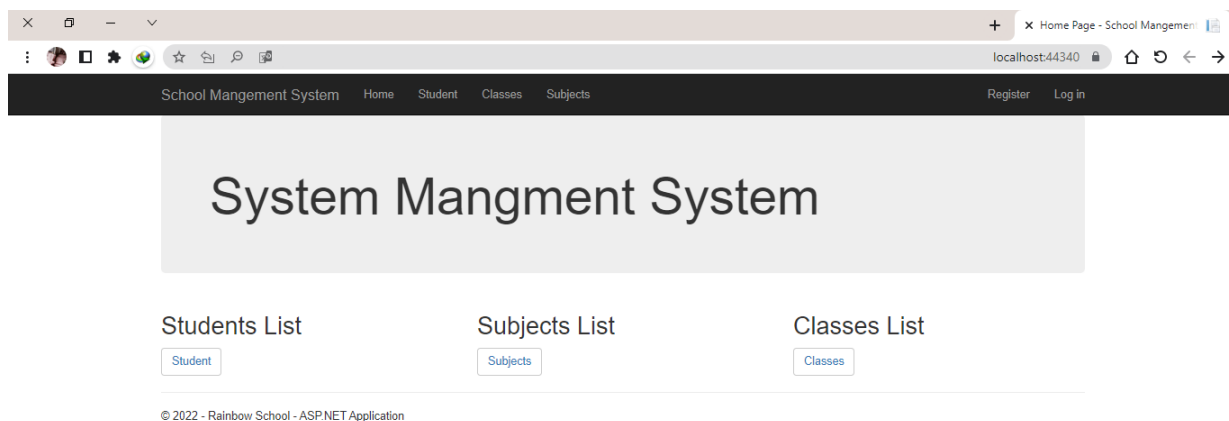
The step-by-step process involved in completing this task should be documented.

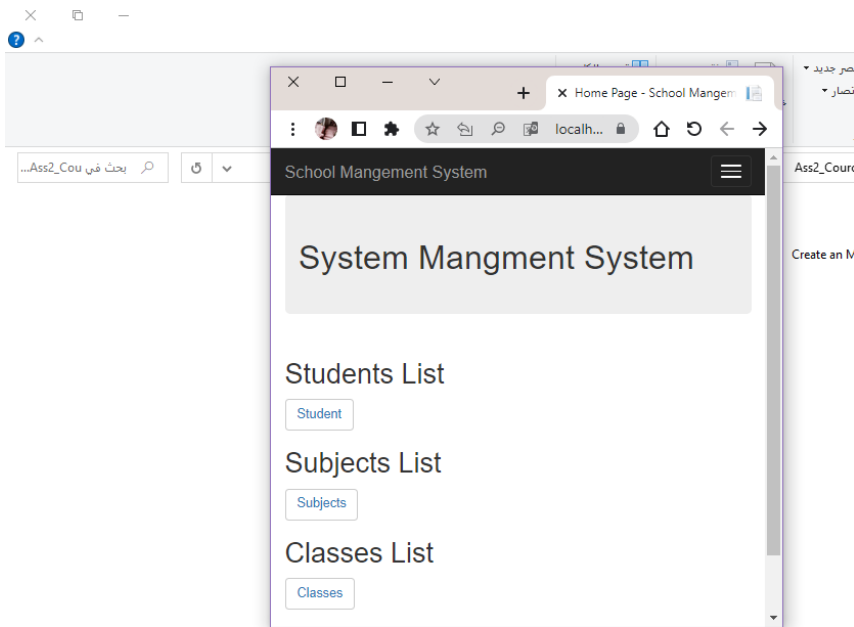
## Write up → anther file

- 1- Pushing application to GITHUB
- 2- Link to the repository: [https://github.com/bitonal/Assignments\\_Cource3.git](https://github.com/bitonal/Assignments_Cource3.git)

## Screen Shoots

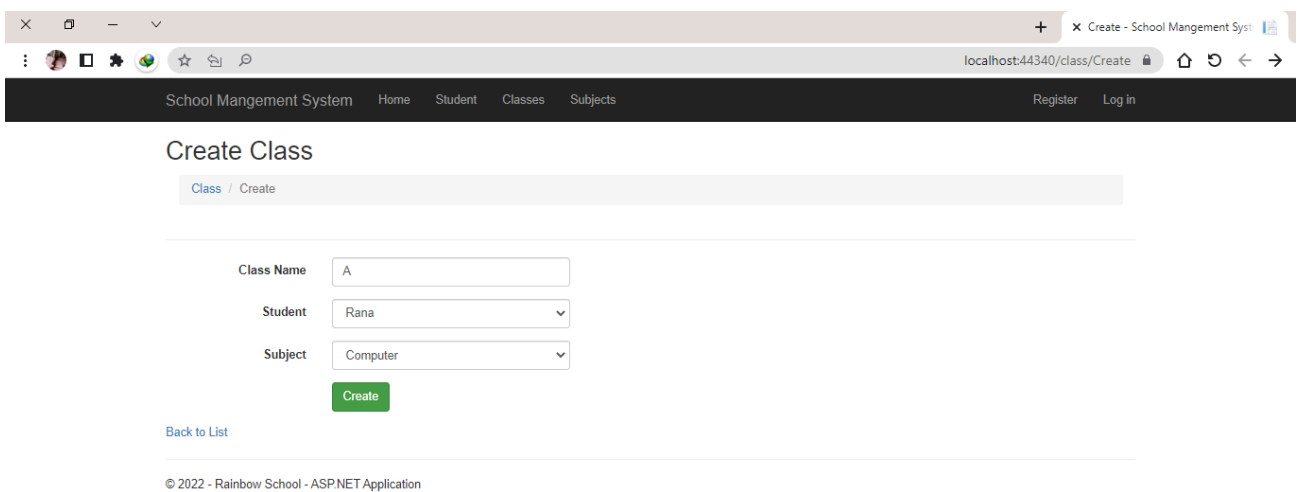
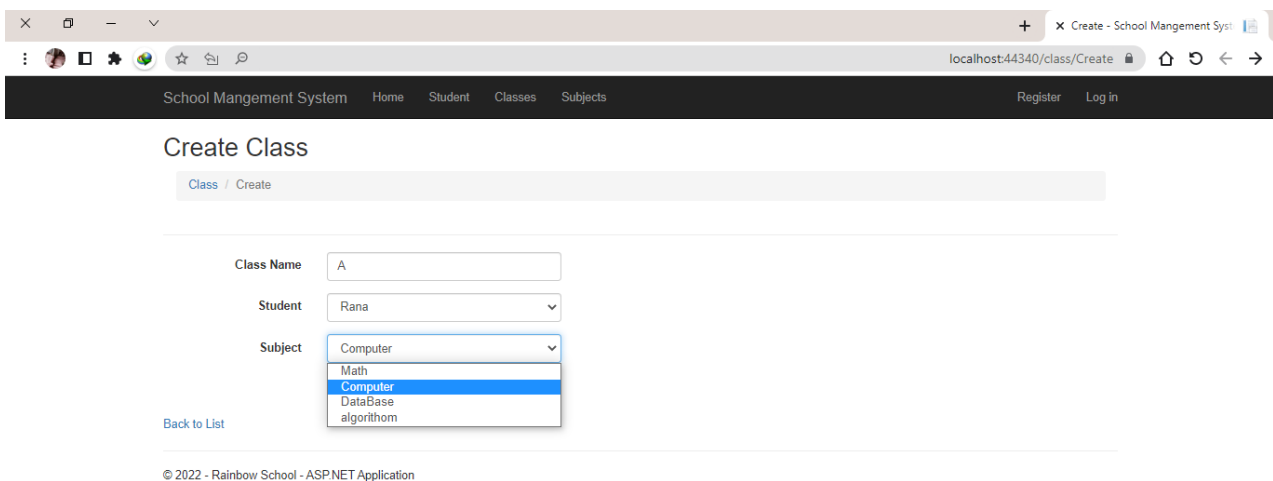
Home page:





## Perform CRUD operations to TABLE OF CLASS

### Class – create page



Index - School Mangement System

localhost:44340/class

School Mangement SystemHomeStudentClassesSubjectsRegisterLog in

## Classes

Dashboard

Create New

Class Name	Subject Name	
A	Math	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
B	Math	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
A	Computer	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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## Class – Edit page

Edit - School Mangement System

localhost:44340/class/Edit/2

School Mangement SystemHomeStudentClassesSubjectsRegisterLog in

## Edit

Class / Edit

Class

A

Student

Rana

Subject

Math

Save

[Back to List](#)

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Index - School Mangement System

localhost:44340/class

School Mangement SystemHomeStudentClassesSubjectsRegisterLog in

## Classes

Dashboard

Create New

Class Name	Subject Name	
A	DataBase	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
B	Math	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
A	Computer	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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## Class – details page

Details - School Mangement System

localhost:44340/class/Details/3

School Mangement SystemHomeStudentClassesSubjectsRegisterLog in

## Details Class

Class / Details

Class

B

Student

Nawal

Subject

Math

[Edit](#) | [Back to List](#)

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## Class – delete page

School Mangement System

HomeStudentClassesSubjects

RegisterLog in

Delete Class

Class / Delete

Are you sure you want to delete this?

ClassB

StudentNawal

SubjectMath

DeleteBack to List

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School Mangement System

HomeStudentClassesSubjects

RegisterLog in

Classes

Dashboard

Create New

Class Name	Subject Name	
A	DataBase	Edit   Details   Delete
A	Computer	Edit   Details   Delete

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## Perform CRUD operations to TABLE OF SUBJECT

## Subject – index page

School Mangement System

HomeStudentClassesSubjects

RegisterLog in

Subjects

Dashboard

Create New

Subject Name	Student Name	
Math	Rana	Edit   Details   Delete
Computer	Rana	Edit   Details   Delete
DataBase	Rana	Edit   Details   Delete
algorithm	Nawal	Edit   Details   Delete

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## Subject – create page

School Mangement System Home Student Classes Subjects Register Log in

### Create subject

[Subject](#) / [Create](#)

Subject Name

Student

[Create](#)

[Back to List](#)

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School Mangement System Home Student Classes Subjects Register Log in

### Subjects

[Dashboard](#)

[Create New](#)

Subject Name	Student Name	
Math	Rana	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
Computer	Rana	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
DataBase	Rana	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
algorithm	Nawal	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
<a href="#">IT</a>	<a href="#">Nawal</a>	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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## Subject – edit page

School Mangement System Home Student Classes Subjects Register Log in

### Edit Subject

[Subject](#) / [Edit](#)

Subject Name

Student ID

[Save](#)

[Back to List](#)

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Index - School Mangement System

localhost:44340/subject

School Mangement SystemHomeStudentClassesSubjectsRegisterLog in

## Subjects

Dashboard

Create New

Subject Name	Student Name	
Math	Nawal	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
Computer	Rana	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
DataBase	Rana	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
algorithm	Nawal	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
IT	Nawal	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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## Subject – details page

Details - School Mangement System

localhost:44340/subject/Details/5

School Mangement SystemHomeStudentClassesSubjectsRegisterLog in

## Details Subject

Subject / Details

Subject Namealgorithm

[Edit](#) | [Back to List](#)

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## Subject – delete page

Delete - School Mangement System

localhost:44340/subject/Delete/6

School Mangement SystemHomeStudentClassesSubjectsRegisterLog in

## Delete Subject

Subject / Delete

Are you sure you want to delete this?

Subject NameIT

[Delete](#) | [Back to List](#)

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Index - School Mangement System

localhost:44340/subject

School Mangement SystemHomeStudentClassesSubjectsRegisterLog in

## Subjects

Dashboard

Create New

Subject Name	Student Name	
Math	Nawal	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
Computer	Rana	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
DataBase	Rana	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
algorithm	Nawal	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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## Perform CRUD operations to TABLE OF STUDENT

### Student – create page

School Mangement System Home Student Classes Subjects Register Log in

### Create Student File

Student / Create

First Name

Last Name

Subject

Class

[Create](#)

[Back to List](#)

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### Student – index page

School Mangement System Home Student Classes Subjects Register Log in

### Students

Dashboard

[Create New](#)

First Name Of Student	List Name Of Student	Subject	Class	
Rana	Ali	Math	A	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
Nawal	Mohammed	Computer	A	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
John	Snow	Math	A	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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### Student – details page

School Mangement System Home Student Classes Subjects Register Log in

### Details Student File

Student / Details

First Name

Last Name

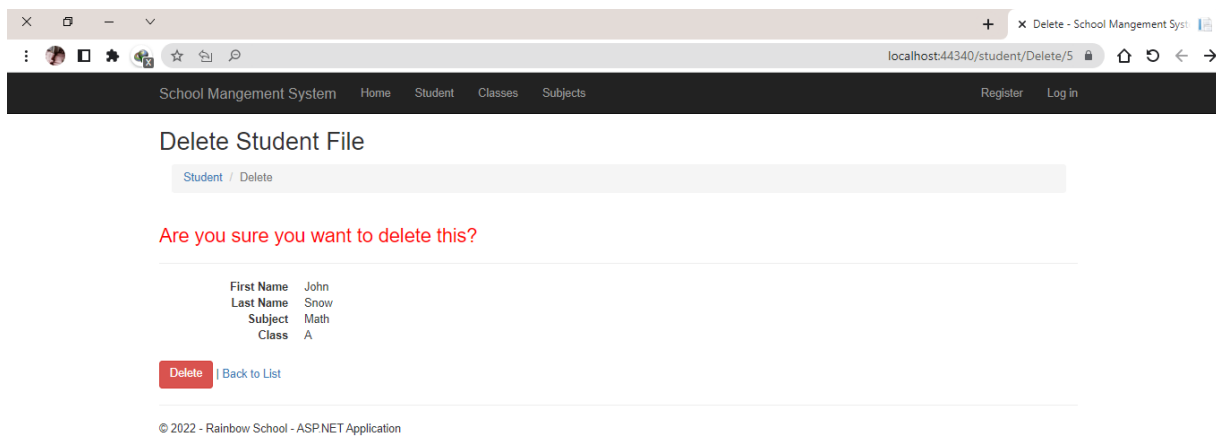
Subject

Class

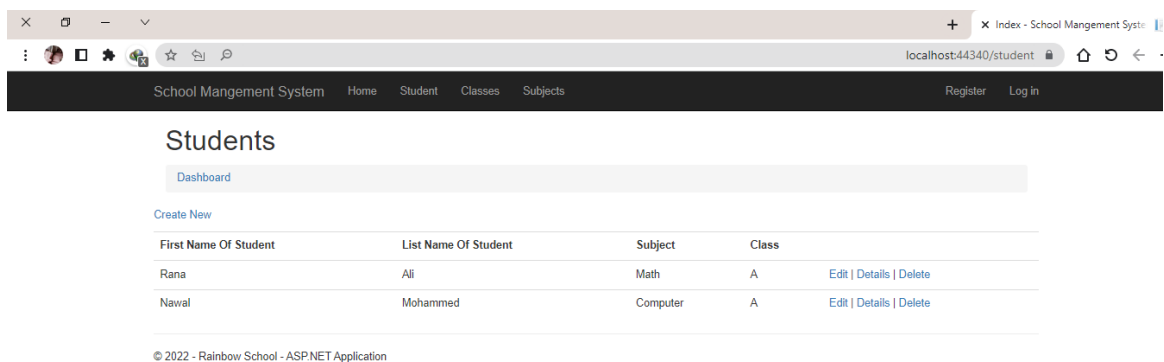
[Edit](#) | [Back to List](#)

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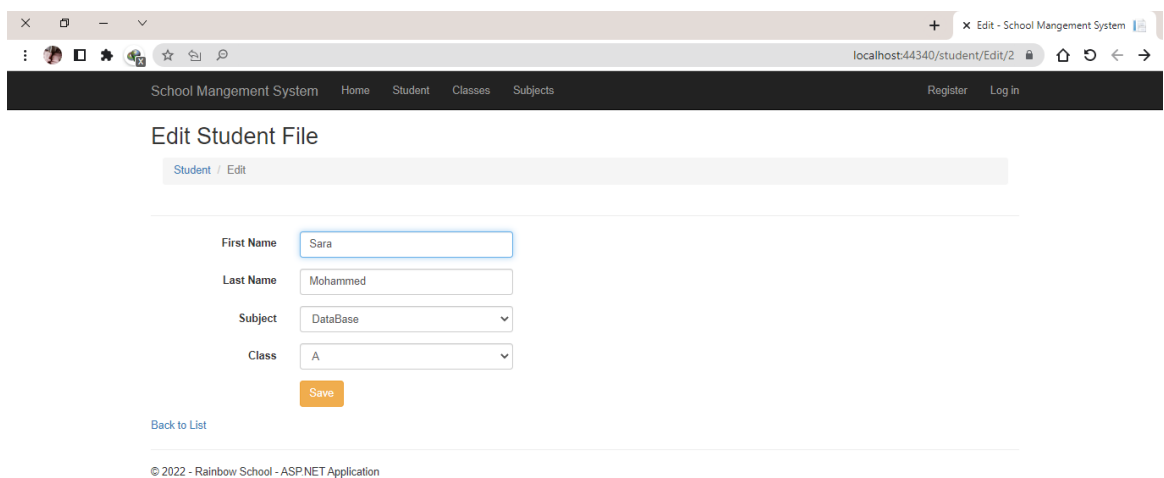
### Student – delete page



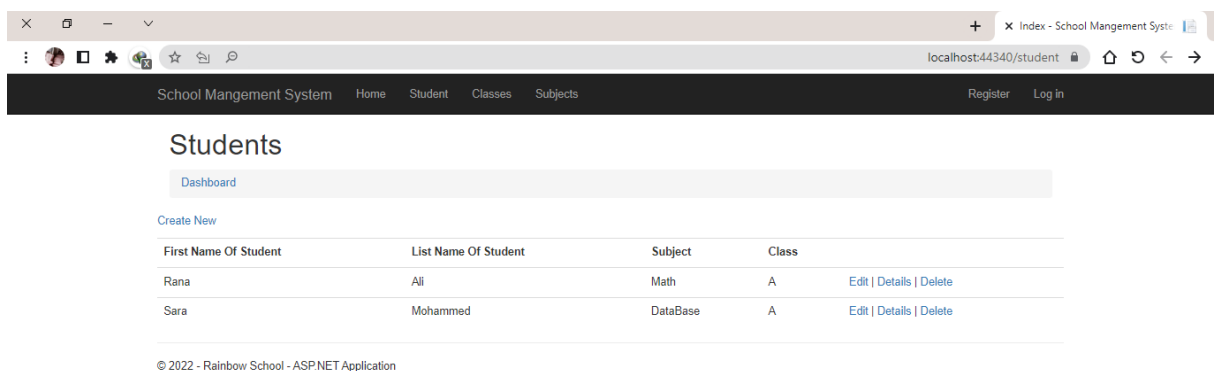
## After delete student



## Student – update /edit page



## After editing



## Pushing to GitHub



```
MINGW64/e/AssCourse3/Ass2
$ git init
Initialized empty Git repository in E:/AssCourse3/Ass2/.git/
$ git add .
$ git branch -M main
$ git add .
$ git status
On branch main
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .vs/DBSchool/v15/.ssms_suo
        new file:   DBSchool.ssmsln
```

```
MINGW64/e/AssCourse3/Ass2
$ git add .
$ git branch -M main
$ git add .
$ git status
On branch main
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .vs/DBSchool/v15/.ssms_suo
        new file:   DBSchool.ssmsln
        new file:   P3/.vs/ShoolManagementSystem/config/applicationhost.config
        new file:   P3/.vs/ShoolManagementSystem/v16/.suo
        new file:   P3/ShoolManagementSystem.sln
```

```
MINGW64/e/AssCourse3/Ass2
$ git log
fatal: your current branch 'main' does not have any commits yet

$ git commit -m "Add Ass2 C3"
[main (root-commit) fc8a07b] Add Ass2 C3
5 files changed, 1053 insertions(+)
 create mode 100644 .vs/DBSchool/v15/.ssms_suo
 create mode 100644 DBSchool.ssmsln
 create mode 100644 P3/.vs/ShoolManagementSystem/config/applicationhost.config
 create mode 100644 P3/.vs/ShoolManagementSystem/v16/.suo
 create mode 100644 P3/ShoolManagementSystem.sln

$ git log
commit fc8a07bcd44a180c65e677e069958199b9dbf945 (HEAD -> main)
Author: Nawa1 <maltego432@gmail.com>
Date: Thu Dec 15 13:59:50 2022 +0300

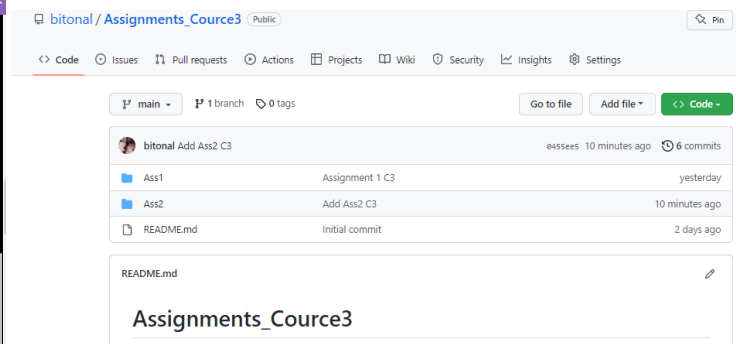
    Add Ass2 C3
```

```
MINGW64/e/AssCourse3/Ass2
-f, --fetch          fetch the remote branches
--tags              import all tags and associated objects when fetching
                    or do not fetch any tag at all (--no-tags)
-t, --track <branch> branch(es) to track
-m, --master <branch> master branch
--mirror[=(push|fetch)] set up remote as a mirror to push to or fetch from

$ git push -u origin main
fatal: 'origin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

$ git remote add origin https://github.com/bitonal/Assignments_Cource3.git
$ git push -u origin main
To https://github.com/bitonal/Assignments_Cource3.git
```



The link to this Project : [https://github.com/bitonal/Assignments\\_Cource3/tree/main/Ass2](https://github.com/bitonal/Assignments_Cource3/tree/main/Ass2)