**Create an OOP Based System for Storing School Data Using Design Patterns.**

Github link : [**git@github.com:KarakambadiNaveena/SimplilearnProjects.git**](mailto:git@github.com:KarakambadiNaveena/SimplilearnProjects.git)

**Step 1**: Creating a Windows Console project in Visual Studio to display the student data.

1. Open Visual Studio.
2. From the top menu select **File->New->Project.**
3. In **Create A New Project** Screen, select **Console app (.NET Core)** from the list of available project types and click on **Next.**
4. Enter **Project Name** as oopproject and click on **Create.**
5. This will create the files for a Windows Console Project.

**Step 2:**

1.Create an interface as interface1 and declare the function Printdata()

2.Create the derived classes Student,Teacher,Subject and implement the interface functionalities in it after defining the required properties.

3.In program.cs write the code for displaying details of students,teachers and subjects.

**Step 4:** Building the project

* From the top menu choose **Build->Build Solution.**
* If any compile errors are shown, fix them as required.

**Step 5:** Publishing and running the project

* From the top menu select **Debug->Start Without Debugging.**
* This will execute the program in a console window.

**Step 6:** Pushing the code to your GitHub repositories

Open your command prompt and navigate to the folder where you have created your files.

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add .

Commit the changes using the following command:

git commit -m “Changes have been committed.”

Push the files to the folder you created initially using the following command:

git push -u origin master