Working of Assignment Tasks | WDDN CE-092

Working of Assignment Tasks for wddn subject week 4.

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Task 1:

Create DLL with the functionality of your choice and upload it on Nuget package manager portal. Once it is uploaded, wait for 10-15 minutes and then install your package in your project from Visual studio Nuget package manager and use it in your
program.

Nuget Package Link : https://www.nuget.org/packages/GraphTraversal.cs/

Driver program which uses this nuget package :

```
using System;
using GraphTraversal;

namespace Driver
{
    class GraphTraversalDemo
    {
        //Calling methods
        public static void Main() {
            Graph graph = new Graph(4);
            graph.AddEdge(0,1);
            graph.AddEdge(0, 2);
            graph.AddEdge(1,2);
            graph.AddEdge(2,0);
            graph.AddEdge(2,3);
```

```
            graph.AddEdge(3,3);
            //Print adjacency matrix
            graph.PrintAdjacecnyMatrix();

            Console.WriteLine("BFS traversal starting
from vertex 2:");
            graph.BFS(2);
            Console.WriteLine("DFS traversal starting
from vertex 2:");
            graph.DFS(2);

            Console.WriteLine("\nPress any key to
exit");
            Console.ReadKey();
        }
    }
}
```
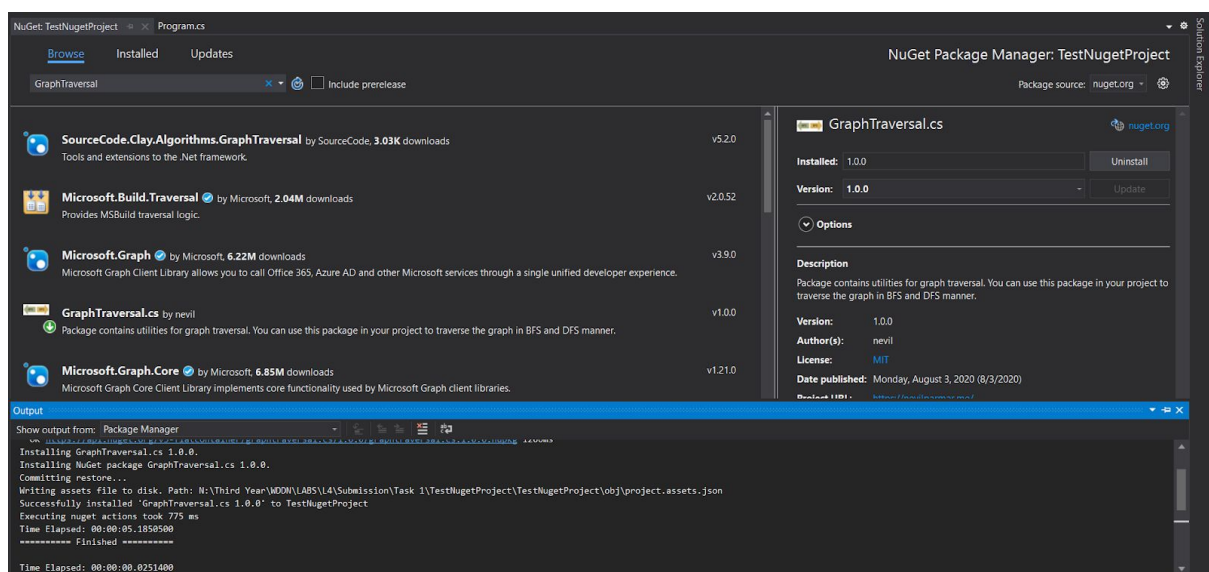
Installing package in visual studio :

Output :

```
N:\Third Year\WDDN\LABS\L4\Submission\Task 1\lib>driver.exe

Printing Adjacency Matrix :
0:[1,2]
1:[2]
2:[0,3]
3:[3]

BFS traversal starting from vertex 2:
 2 0 3 1
DFS traversal starting from vertex 2:
 2 3 0 1

Press any key to exit

N:\Third Year\WDDN\LABS\L4\Submission\Task 1\lib>
```
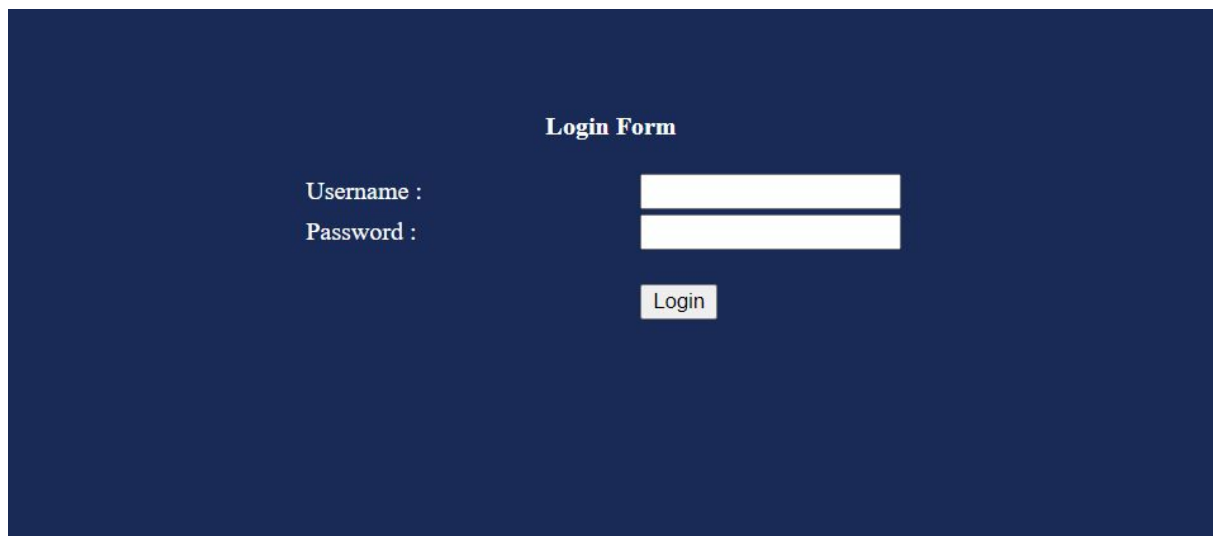
Task 2:

Task 2.a : Login

Login Screen :

Login Form

Username :

Password :

Login

Invalid credentials error, when the username and password are not "admin" & "admin".

Task 2.b : HomeScreen with user registration form

HomeScreen with user registration form

When the entered details are in valid format and the data is sent to the server , the output is displayed on the same page in below format.

When the entered details are not valid.

Task 2.c : Hide / Display an image on button click

When the button is not pressed.

[view]

When the view button is pressed, the image will be displayed on the page.

[hide]