

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();

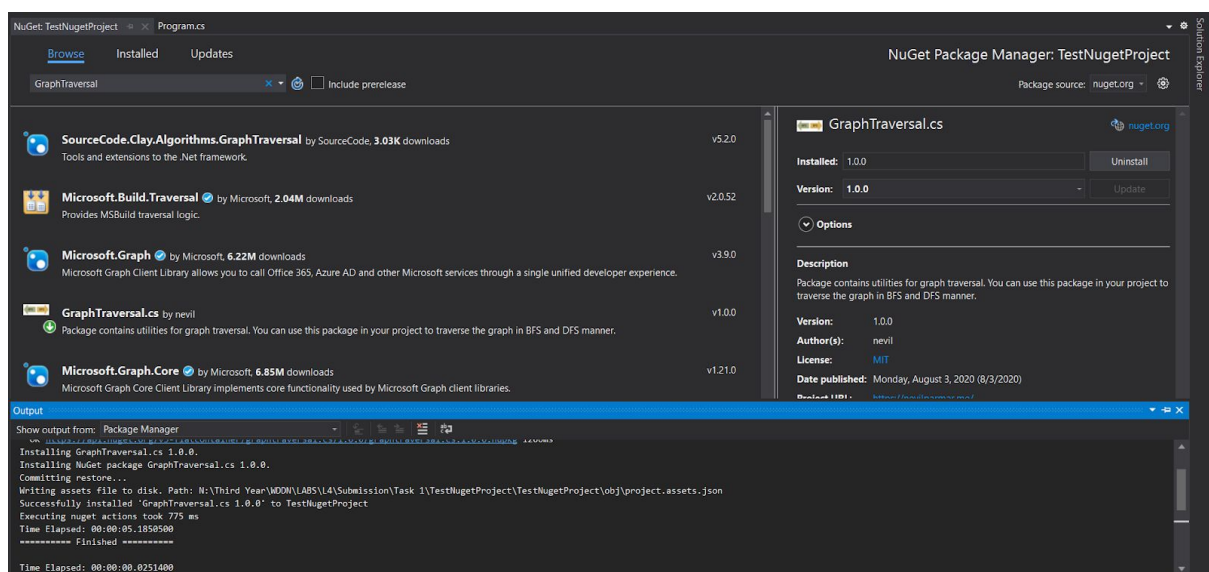
Console.WriteLine("BFS traversal starting
from vertex 2:");
graph.BFS(2);
Console.WriteLine("DFS traversal starting
from vertex 2:");
graph.DFS(2);

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

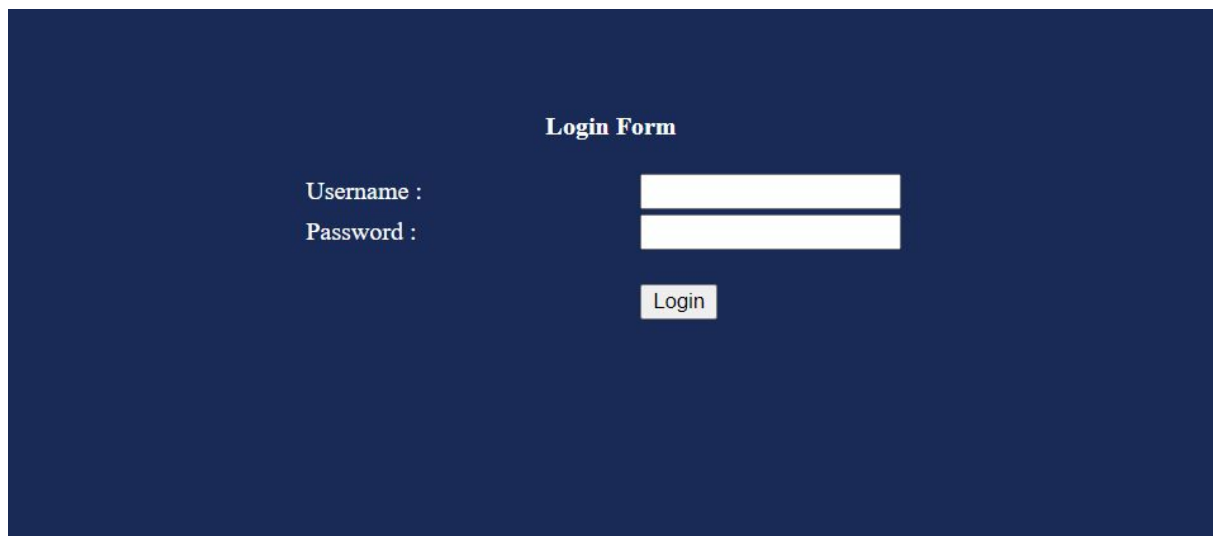
Press any key to exit

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

Task 2:

Task 2.a : Login

Login Screen :

A screenshot of a login form titled "Login Form" centered at the top. The form is set against a dark blue background. It contains two input fields: "Username :" and "Password :". Below the password field is a "Login" button. The text and button are white, providing high contrast against the dark background.

Login Form

Username :

Password :

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

Username :

asdfaf

*Invalid username

Password :

.....

*Invalid Password

Login

Task 2.b : HomeScreen with user registration form

HomeScreen with user registration form

Registration Form

Full Name :	
Age :	
Password :	
Confirm Password :	
Gender :	<div><div><input type="radio"/> Male</div><div><input type="radio"/> Female</div><div><input type="radio"/> Prefer not to say</div></div>
Mobile No :	<div>Without +91</div>
Hobbies :	<div><div><input type="checkbox"/> Reading</div><div><input type="checkbox"/> Astronomy</div><div><input type="checkbox"/> Travelling</div></div>
State :	<div>select</div>
City :	<div>select</div>
Pan No :	
	submit

Name :

Age :

Gender :

Mobile :

Hobbies :

State :

City :

Pan Number :

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.

Registration Form

Full Name :	Nevil Parmar	
Age :	20	
Password :		
Confirm Password :		
Gender :	<div><div><input checked="" type="radio"/> Male</div><div><input type="radio"/> Female</div><div><input type="radio"/> Prefer not to say</div></div>	
Mobile No :	7600616919	
Hobbies :	<div><div><input checked="" type="checkbox"/> Reading</div><div><input checked="" type="checkbox"/> Astronomy</div><div><input type="checkbox"/> Travelling</div></div>	
State :	Gujarat	
City :	Vadodara	
Pan No :	B012345678	
	submit	

Name : Nevil Parmar

Age : 20

Gender : M

Mobile : 7600616919

Hobbies : Reading Astronomy

State : GJ

City : VD

Pan Number : B012345678

When the entered details are not valid.

Registration Form

Full Name :	Nevil Parmar	
Age :	12	age must be in between 18 and 50
Password :		
Confirm Password :		
Gender :	<div><div><input type="radio"/> Male</div><div><input type="radio"/> Female</div><div><input type="radio"/> Prefer not to say</div></div>	
Mobile No :	23423423	Invalid mobile number
Hobbies :	<div><div><input type="checkbox"/> Reading</div><div><input type="checkbox"/> Astronomy</div><div><input type="checkbox"/> Travelling</div></div>	
State :	Gujarat	
City :	Ahmedabad	
Pan No :		Invalid pancard number
	submit	

Name : Nevil Parmar

Age : 12

Gender :

Mobile : 23423423

Hobbies :

State : GJ

City : AH

Pan Number :

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

