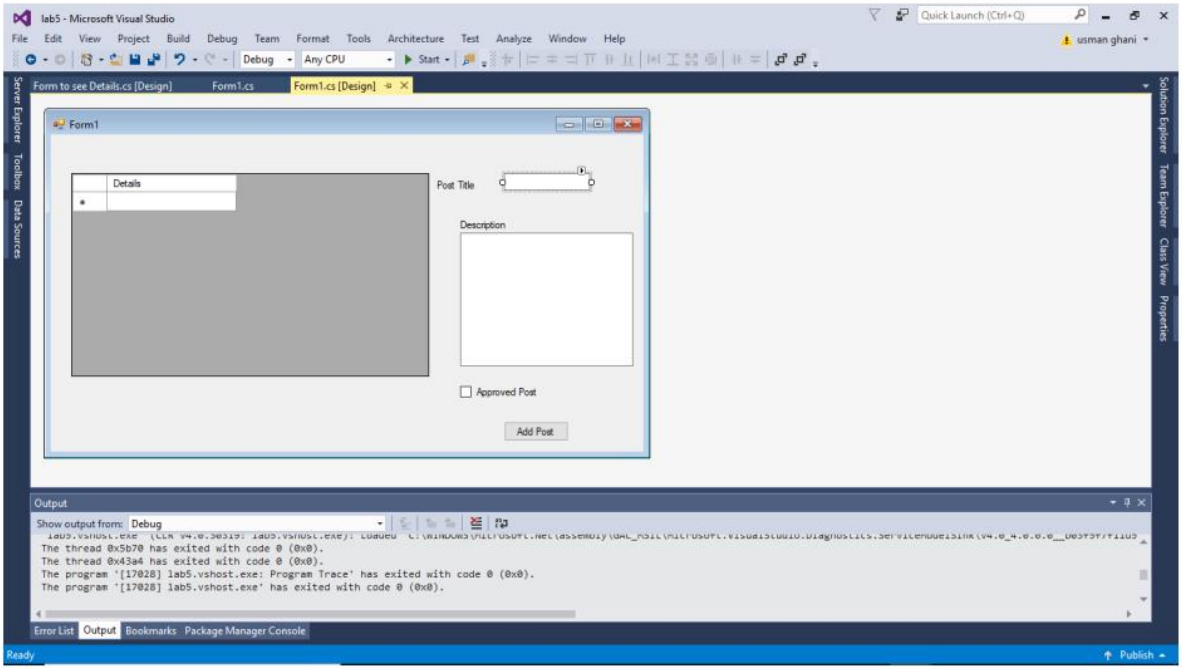
Program 1: User can be enter “Post title”, “Description” ,”check Post is approved or not” and show Data in a DataGrid view.

Step 1:

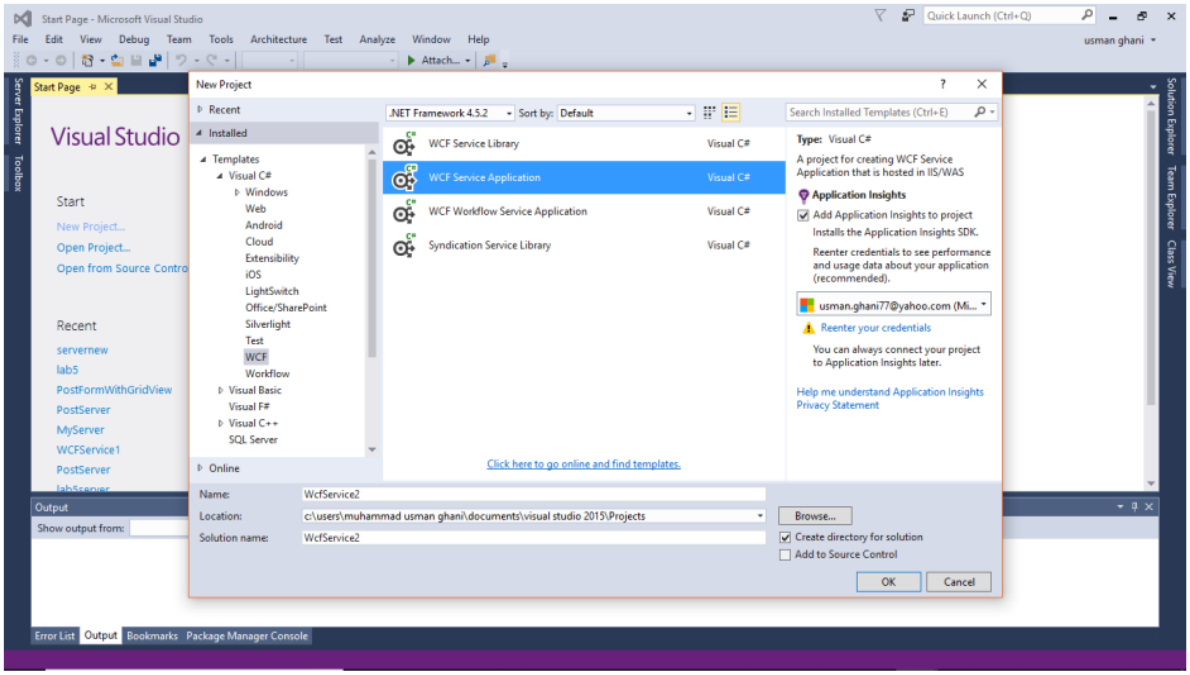
Make User interface:

1. Textbox, labels, button, Grid view,selectionbox



Step 2:

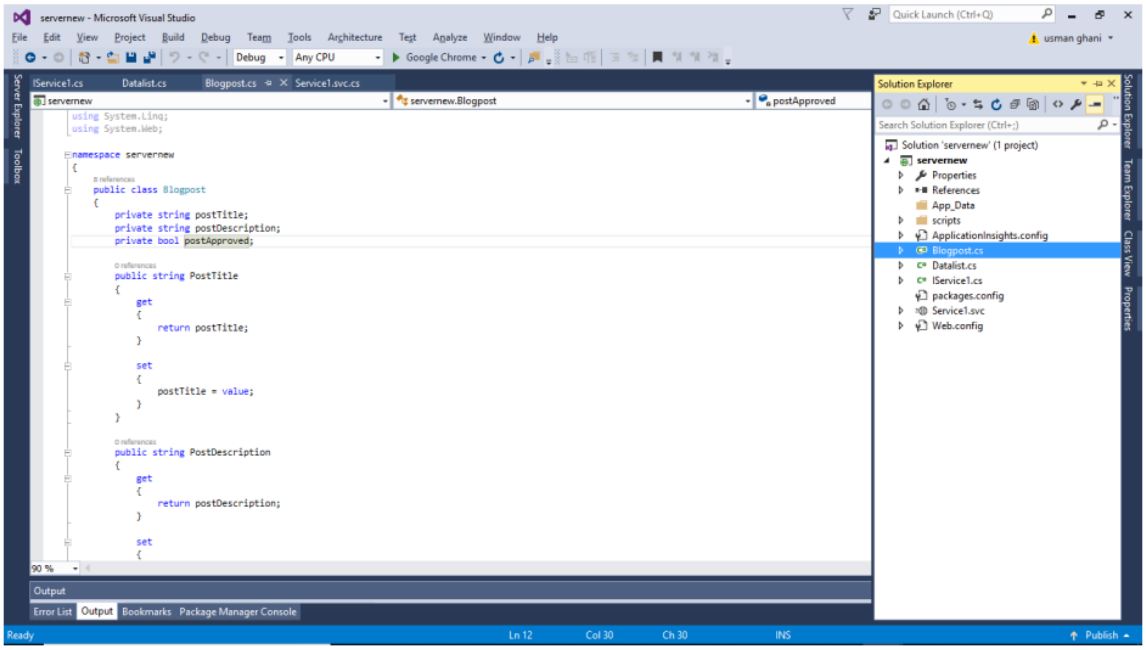
Create new instance of visual studio and Create WCF.

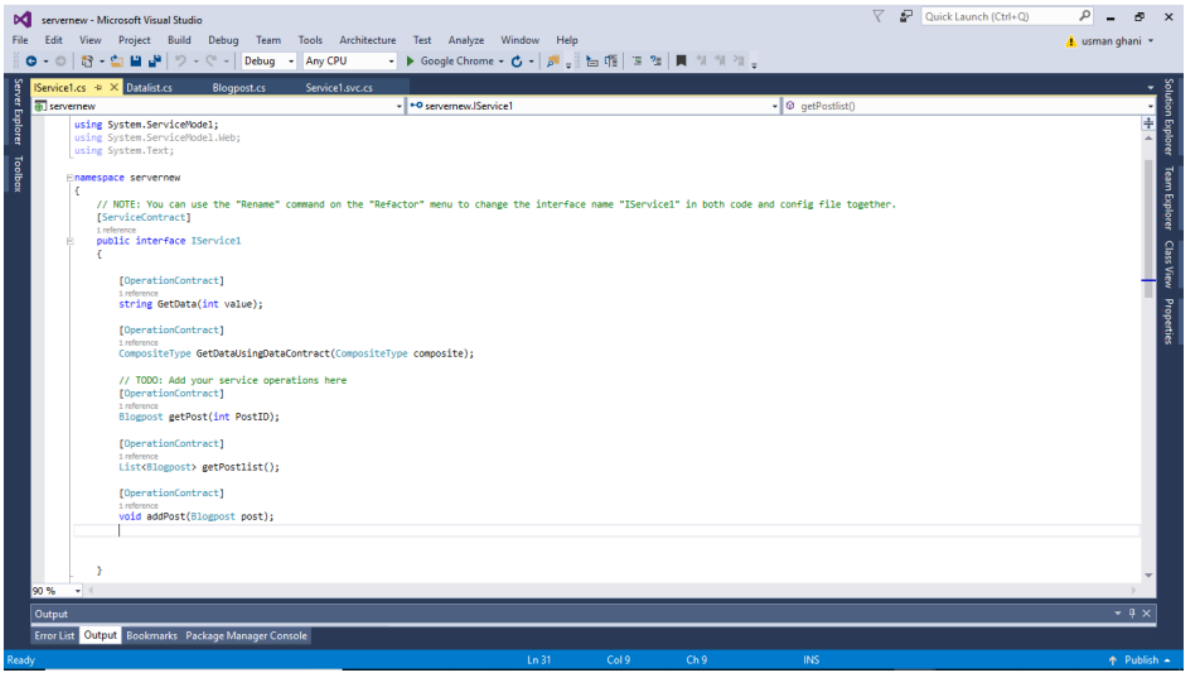


Step 2:

Add class

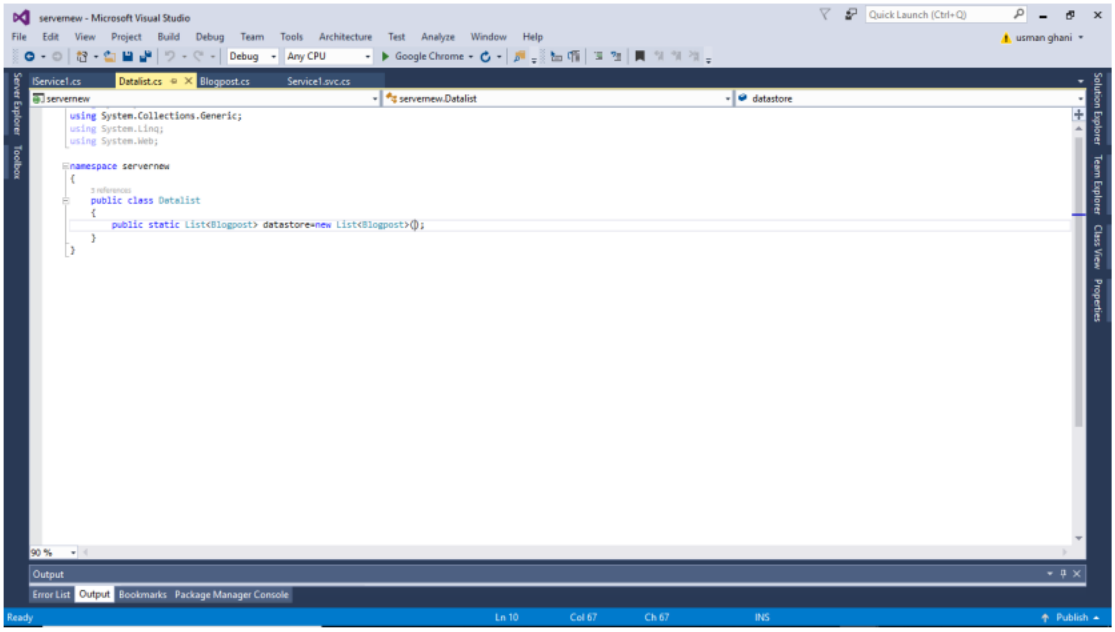
Define variables and perform Encapsulation




servernew - Microsoft Visual Studio
File Edit View Project Build Debug Team Tools Architecture Test Analyze Window Help
usman ghani
Debug
Any CPU
Google Chrome
Quick Launch (Ctrl+Q)
IService1.cs
Datalist.cs
Blogpost.cs
Service1.svc.cs
servernew
servernew.IService1
getPostlist()
using System.ServiceModel;
using System.ServiceModel.Web;
using System.Text;
namespace servernew
{
// NOTE: You can use the "Rename" command on the "Refactor" menu to change the interface name "IService1" in both code and config file together.
[ServiceContract]
1 reference
public interface IService1
{
[OperationContract]
1 reference
string GetData(int value);
[OperationContract]
1 reference
CompositeType GetDataUsingDataContract(CompositeType composite);
// TODO: Add your service operations here
[OperationContract]
1 reference
Blogpost getPost(int PostID);
[OperationContract]
1 reference
List<Blogpost> getPostlist();
[OperationContract]
1 reference
void addPost(Blogpost post);
}
90 %
Output
Error List
Output
Bookmarks
Package Manager Console
Ready
Ln 31
Col 9
Ch 9
INS
Publish
Server Explorer
Toolbox
Solution Explorer
Team Explorer
Class View
Properties

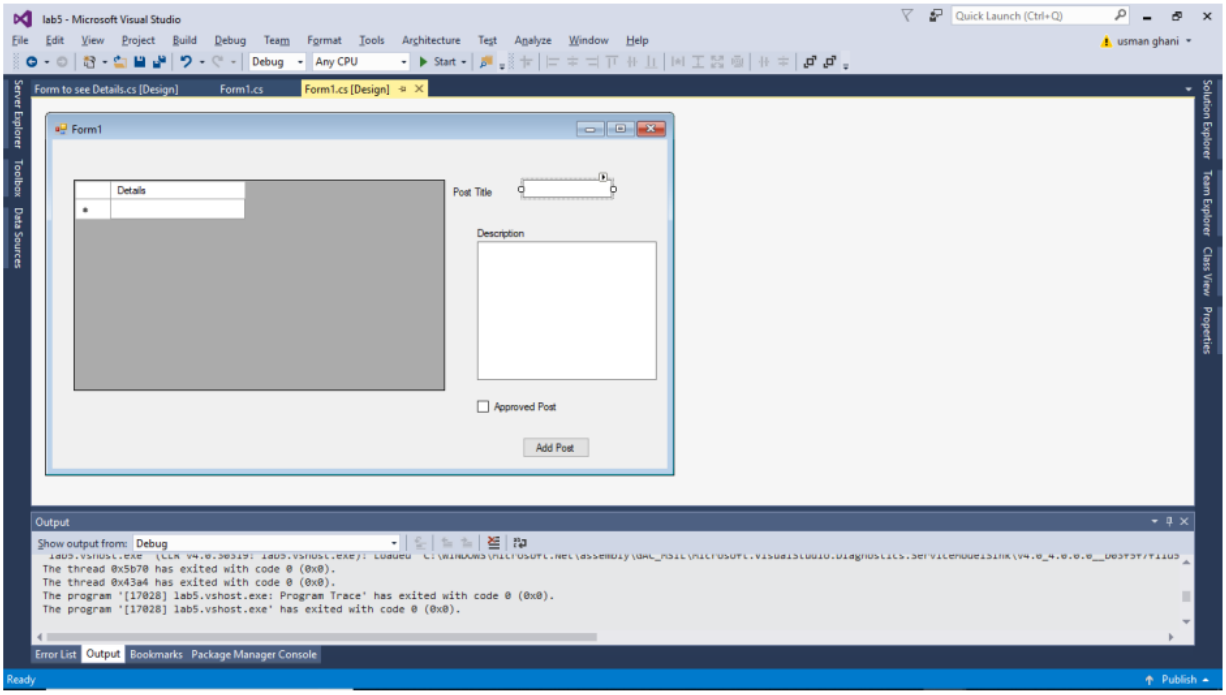
Step 3:

Create list that will store objects of above class



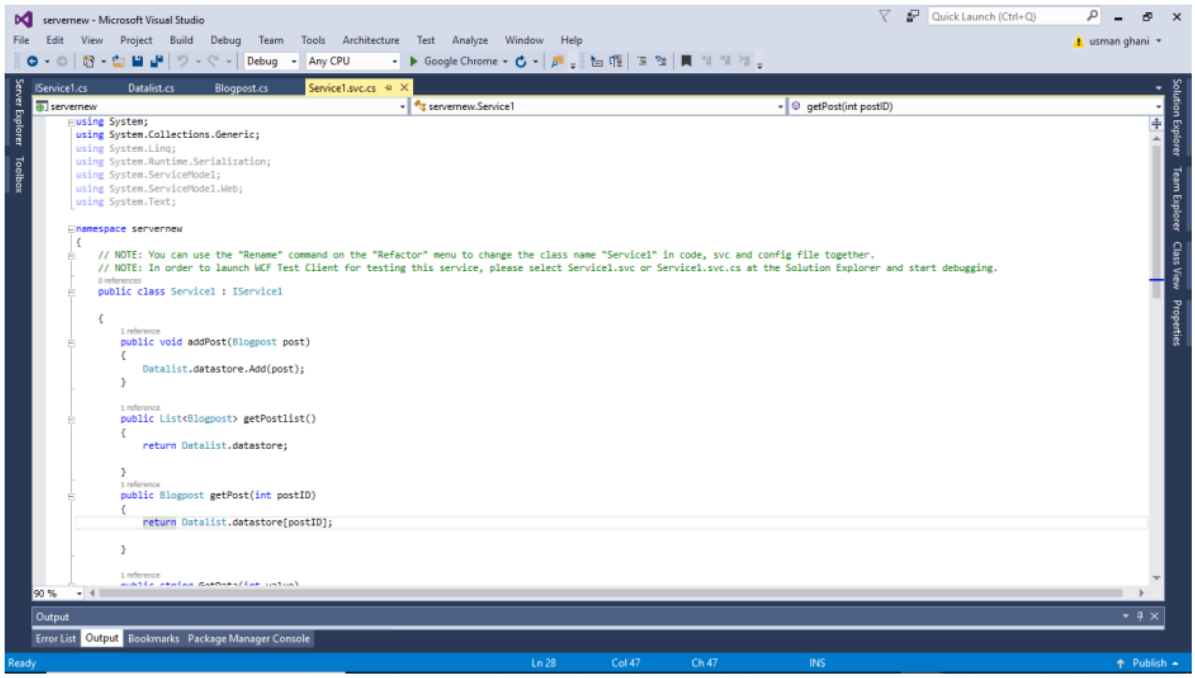
Step 4:

Function Prototype in interface class(Iservice1.cs)


lab5 - Microsoft Visual Studio
File Edit View Project Build Debug Team Format Tools Architecture Test Analyze Window Help
usman ghani
Debug
Any CPU
Start
Quick Launch (Ctrl+Q)
Form to see Details.cs [Design]
Form1.cs
Form1.cs [Design]
Server Explorer
Toolbox
Data Sources
Solution Explorer
Team Explorer
Class View
Properties
Form1
Details
Post Title
Description
Approved Post
Add Post
Output
Show output from: Debug
The thread 0x5b70 has exited with code 0 (0x0).
The thread 0x43a4 has exited with code 0 (0x0).
The program '[17028] lab5.vshost.exe: Program Trace' has exited with code 0 (0x0).
The program '[17028] lab5.vshost.exe' has exited with code 0 (0x0).
Error List
Output
Bookmarks
Package Manager Console
Ready
Publish

Step 5:

Function Definitions in Service1.scv.css

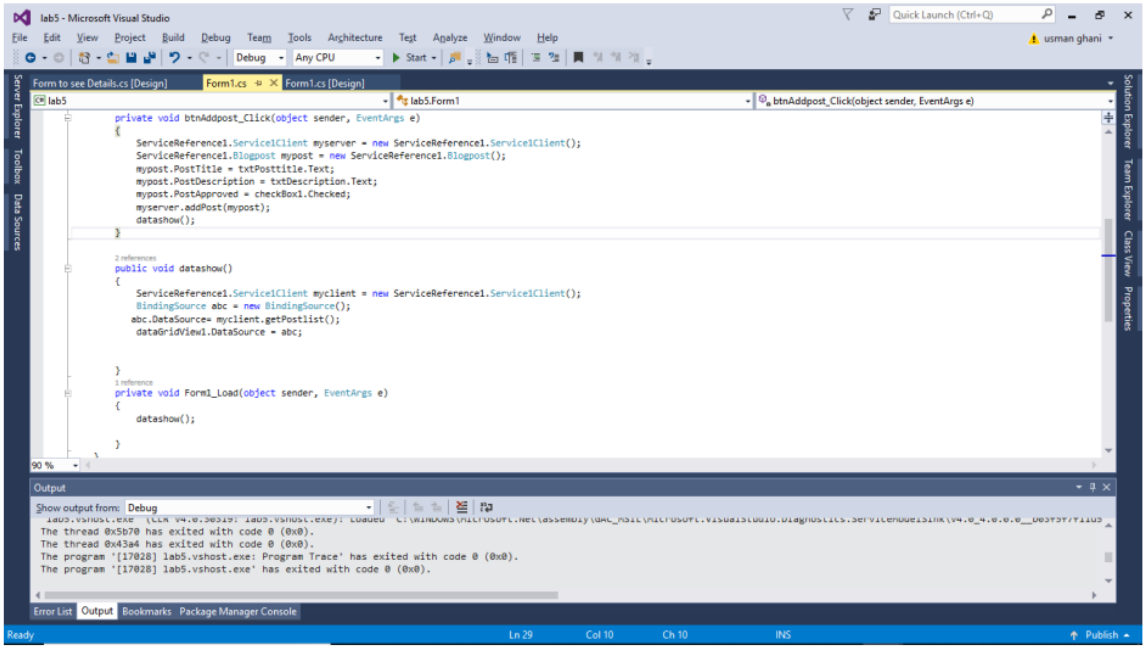


Step 6:

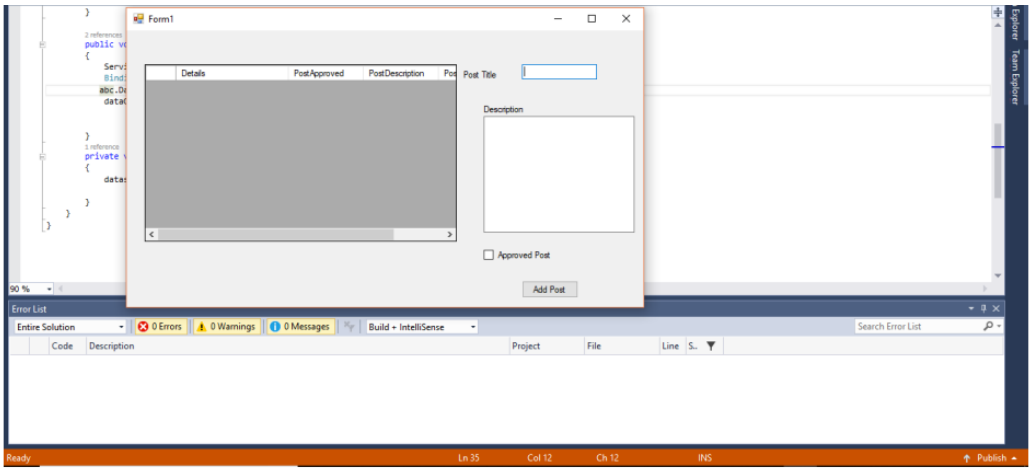
Getting data From client side:

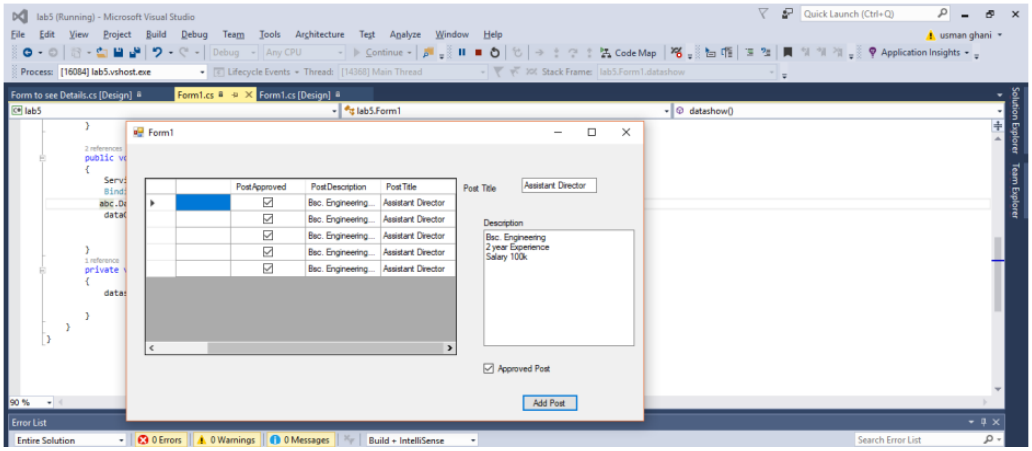
Step 7:

Double Click on “Add post” and add following code



Output:


Form1
Details
PostApproved
PostDescription
Post Title
Description
Approved Post
Add Post
Error List
Entire Solution
0 Errors
0 Warnings
0 Messages
Build + IntelliSense
Search Error List
Code
Description
Project
File
Line
Ready
Ln 35
Col 12
Ch 12
INS
Publish


lab5 (Running) - Microsoft Visual Studio
Form1
PostApproved
PostDescription
PostTitle
Post Title
Assistant Director
Description
Bsc. Engineering
2 year Experience
Salary 100k
Approved Post
Add Post
Error List
Entire Solution
0 Errors
0 Warnings
0 Messages
Build + IntelliSense
Search Error List