WCF-SERVICE-APPLICATION-DEMO-1
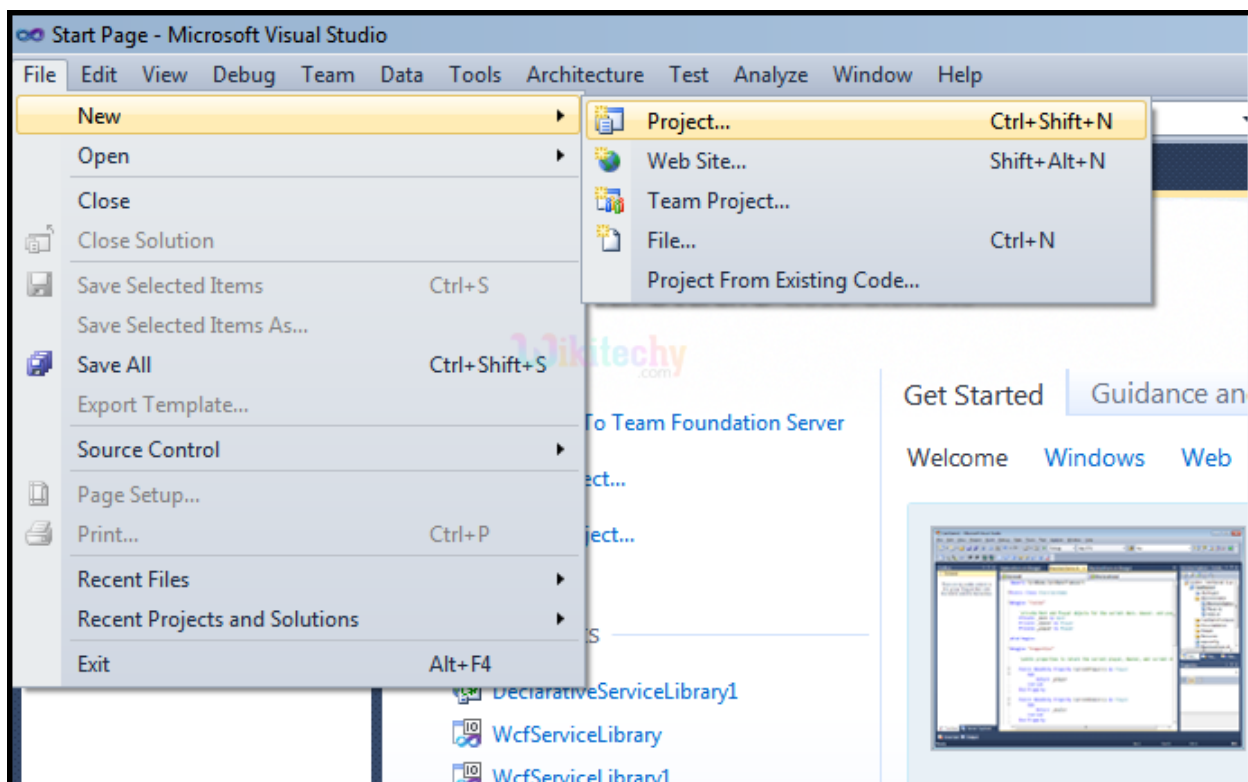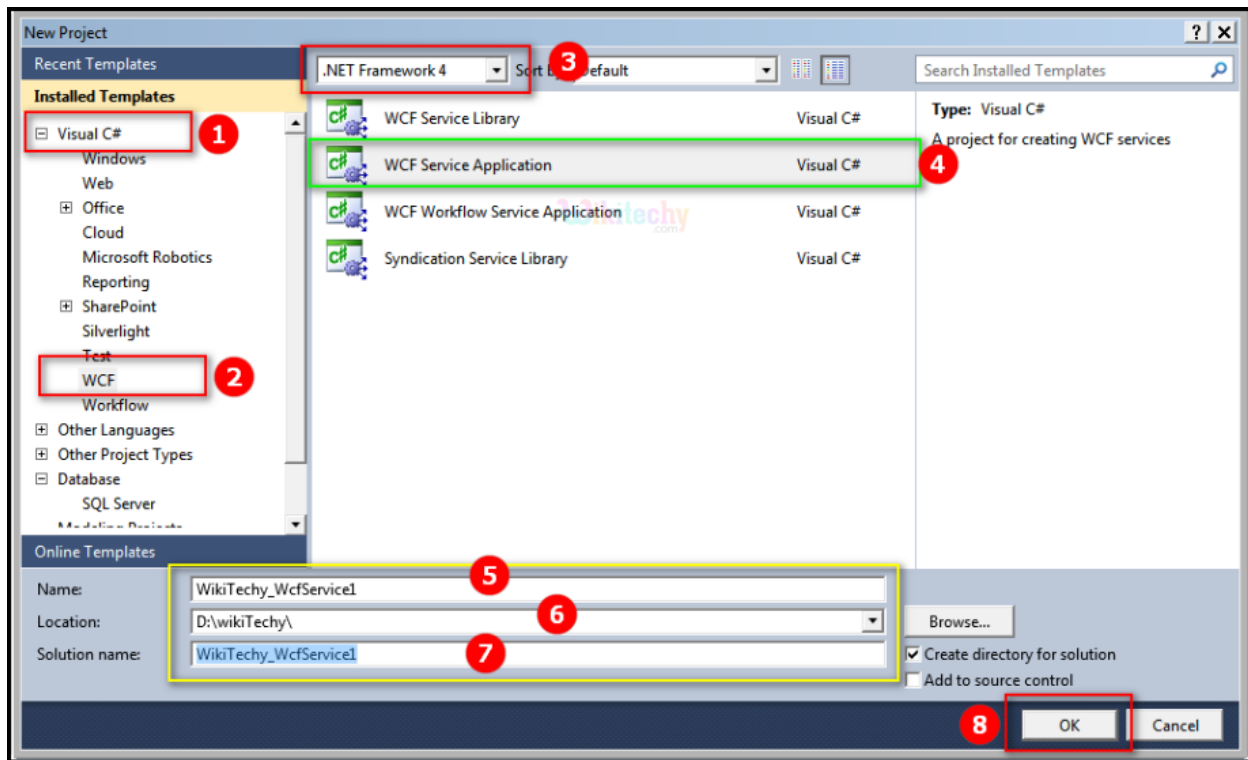
- **Service application** is the simplest way to write, configure and consume Windows Communication Foundation (WCF) service using Visual Studio 2010.

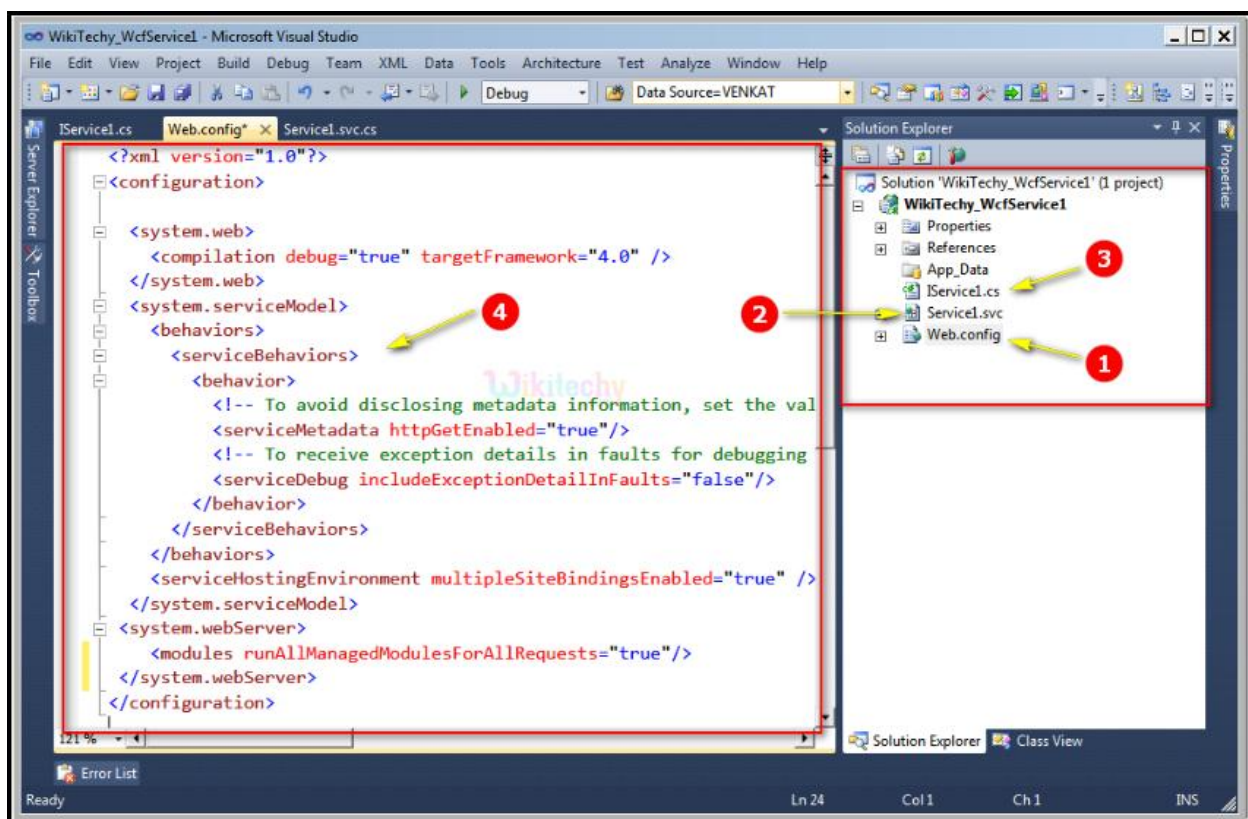- It will be better understanding of WCF services which is slightly different from ASP.NET web services.

1 To Start Microsoft Visual Studio application select File -> New -> Project.

In this the New Project template window appears and select the following options,

1 Select Visual C# from installed templates.

2 Under C# select WCF.

3 Choose the framework as .Net Framework 4.

4 Select Project type as WCF Service Application.

5 Enter Project name as "WikiTechy_WcfService1".

6 Select Project location as "D:\wikiTechy\".

7 Enter the name for solution as"WikiTechy_WcfService1", same as project name.

8 Click "OK" button for starting the service application process.

♦ Open the Web.config file from the solution file lists.

1 Web.config is automatically created by default in the project and it is part of project's solution files.

2 Service1.svc is the service contract file that hosts the service automatically on double click of this file.

3 IService1.cs is the interface file for service to expose the service's method signatures.

4 The service behavior section defines the configuration to represent the behavior of a specific service. Here the element <serviceMetadata httpGetEnabled="True"/> indicates that the service publishes metadata via a HTTP/Get request. The line <serviceDebug includeExceptionDetailInFaults="False" /> indicates a flag that returns error details as part of debugging.