# How to Use the ASP.NET C# Example code 2.5 Party (SHA256)

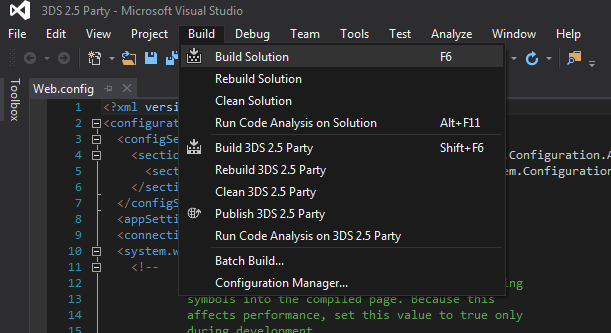
The Sample code contains 5 files:

1. 3DS 2.5 Party.sln - A structure file for organizing projects in Microsoft Visual Studio
2. 3DS 2.5 Party.csproj - Visual Studio .NET C# Project file extension
3. 3DS 2.5 Party\_Order.aspx - The HTML page for the Order Page
4. 3DS 2.5 Party\_Order.aspx.cs - The code behind the Digital Order page
5. 3DS 2.5 Party\_Order.aspx.designer.cs - Layout of the Order Page
6. 3DS 2.5 Party\_Receipt.aspx - The HTML page for the Receipt page
7. 3DS 2.5 Party\_Receipt.aspx.cs - The code behind the Digital Receipt page
8. 3DS 2.5 Party\_Receipt.aspx.designer.cs - Layout of the Receipt Page
9. PaymentCodesHelper.cs - Response code mapping table to assist digital receipt displays
10. VPCRequest.cs - .NET C# library which contains the communication with the Payment Gateway
11. Web.config - The configuration file which contains merchant's specific information

In this guide, we will be using IIS 7 and Visual Studio 2015 with default installation to run and compile the ASP.net sample code. There are multiple servers that can compile ASP.net code, please refer to contact the relevant server or .NET code compiler. Any changes made to the above pages will need to be re-compiled. If the ASP.net sample code comes with the bin folder, this code has been compiled and can be used immediately.

**Compiling the sample code (skip these steps if bin folder is present)**

1. Open the 3DS 2.5 Party.sln
2. Open the web.config file and enter the following details:
   1. Line 44: Enter Merchant ID
   2. Line 47: Enter Merchant's access code (Obtained from MA)
   3. Line 50: Enter Merchant's secure hash secrets (Obtained from MA)
   4. Line 53: Specify the location of 3DS 2.5 Party\_Receipt.aspx (dependent on merchant's web server setup)
   5. Line 56: Change the Payment Gateway URL (Only when merchants wishes to test it against MTF environment, current set to production URL)
3. Click Build Solution to compile the code



**Running the ASP.NET code**

1. Create 2.5 Party DotNet SHA-256 folder in C:\inetpub\wwwroot
2. Copy the entire project to the directory
3. Access the 3DS 2.5 Party\_Order.aspx page from the web server - [http://localhost/2.5 Party DotNet SHA-256/3DS\_2.5\_Party\_Order.aspx](http://localhost/2.5%20Party%20DotNet%20SHA-256/3DS_2.5_Party_Order.aspx)
4. Enter the relevant transaction details
5. Click Pay Now and transaction result will be displayed