
ASP USING COMPONENT

ASP

- ASP stands for **Active Server Pages**
- ASP is a Microsoft Technology
- ASP is a program that runs inside **IIS**

IIS - Internet Information Server

- IIS is a set of Internet-based services for servers created by Microsoft for use with Microsoft Windows.
- IIS comes with Windows 2000, XP, and Vista. It is also available for Windows NT.
- IIS is easy to install and ideal for developing and testing web applications.

How to Install IIS on Windows XP

Follow these steps to install IIS on Windows XP and Windows 2000:

- 1. On the Start menu, click Settings and select Control Panel*
- 2. Double-click Add or Remove Programs*
- 3. Click Add/Remove Windows Components*
- 4. Click Internet Information Services (IIS)*
- 5. Click Details*
- 6. Select the check box for World Wide Web Service, and click OK*
- 7. In Windows Component selection, click Next to install IIS*

Test Your Web

After you have installed IIS or PWS follow these steps:

1. Look for a new folder called **Inetpub** on your hard drive
2. Open the Inetpub folder, and find a folder named **wwwroot**
3. Create a new folder, like "MyWeb", under wwwroot
4. Write some ASP code and save the file as "test1.asp" in the new folder
5. Make sure your Web server is running (see below)
6. Open your browser and type "http://localhost/MyWeb/test1.asp", to view your first web page

Note: Look for the IIS (or PWS) symbol in your start menu or task bar. The program has functions for starting and stopping the web server, disable and enable ASP, and much more.

Some ASP Components:

Bulletin Boards

Programming

Calendar and date

Security

Chat

Server

Database

Shopping / E-commerce

Documents

String

E-Mail

File

Web features

Form

Web Navigation

JSP PROGRAM FOR ORDER PROCESSING

JSP

JavaServer Pages (JSP) is a Java technology that helps software developers serve dynamically generated web pages based on HTML, XML, or other document types. JSP was designed to address the perception that the Java programming environment didn't provide developers with enough support for the Web.

JSP is easy to learn and allows developers to quickly produce web sites and applications in an open and standard way. JSP is based on Java, an object-oriented language. JSP offers a robust platform for web development.

Main reasons to use JSP:

- Multi platform
- Component reuse by using Javabeans and EJB.
- Advantages of Java.
- You can take one JSP file and move it to another platform, web server or JSP Servlet engine.

Algorithm

1. Design a web page for view and place order to a particular company.
2. Provide the link get the stock details of the particular company.
3. Get the stock details from database using JSP program.
4. Display the stock details of the company after enabling the link.
5. Place the order for the particular product.
6. Process the order using JSP program, which satisfies necessary condition (Invalid item, insufficient qty etc).
7. Display the final messages.