1.Define MSIL

MSIL stands for Microsoft Intermediate Language. During the compile time , the compiler convert the source code into Microsoft Intermediate Language (MSIL) .Microsoft Intermediate Language (MSIL) is a CPU-independent set of instructions that can be efficiently converted to the native code.

2.What is AutoPostBack?

Autopostback is the mechanism, by which the page will be posted
back to the server automatically based on some events in the web controls.

3.Write about the purpose of APP_CODE FOLDER

the App_Code Folder stores classes, typed data sets, etc. All the items that are stored in *App_Code* are automatically accessible throughout the application.

4.Differentiate between Websites & WebProjects

Web Site - creates code behind pages that are compiled at the server when page is requested.

Web Project - creates pre-compiled pages into one or more assemblies (entire site even), and deployed on server.

5.What is a .Net class library?

The .NET class library is a library of classes, interfaces, and value types that provide functionality for everything in the system.

6.List basic WebControls

Label,Button,TextBox,CheckBox,RadioButton,Image,ListBox,Panel etc..

7.Define Source View,Design View,Split View
Design View-The graphical representation of what your page looks like.
Source View-The underlying markup i.e Html code and asp.net control tags
Split View-This is the combined view that allows you to see both design and source view at once.

8.How many ways are there to add Event Handlers to your code?
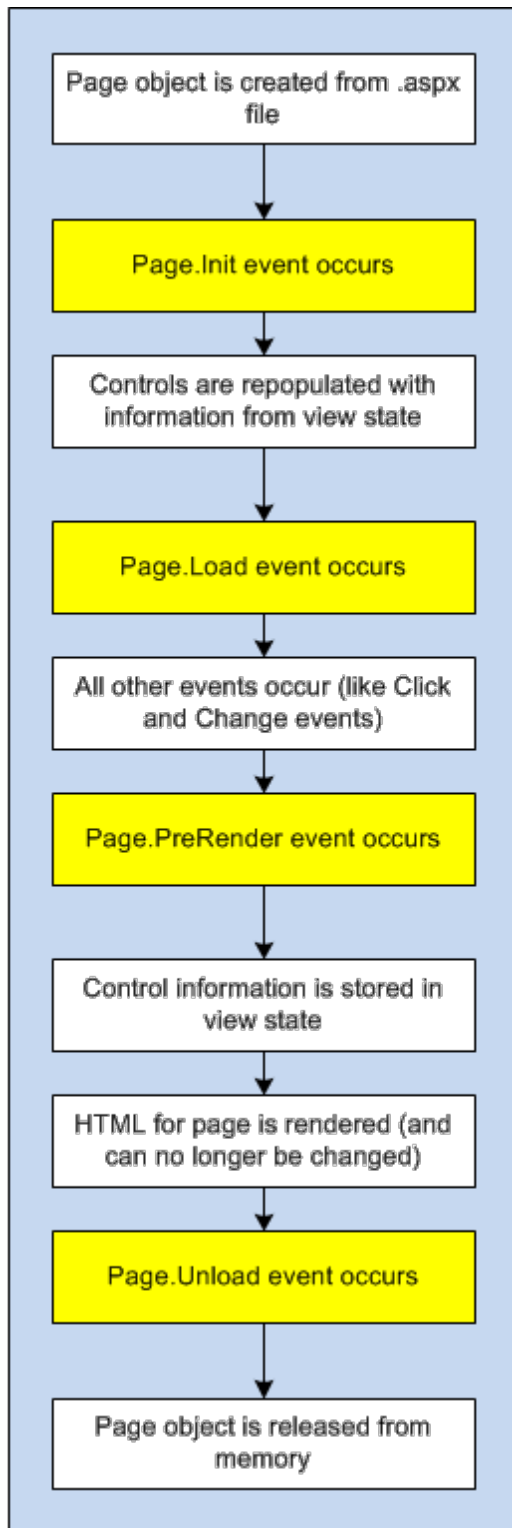   There are 3 ways
1.Type it manually
2.Double click a control in design view
3.Choose the event from properties window

9.List PostBack Processing Sequence

```
┌─────────────────────────────────────────┐
│  ┌───────────────────────────────┐       │
│  │  Page object is created from .aspx │   │
│  │              file              │       │
│  └───────────────────────────────┘       │
│                 │                         │
│                 ▼                         │
│  ┌───────────────────────────────┐       │
│  │     Page.Init event occurs     │       │
│  └───────────────────────────────┘       │
│                 │                         │
│                 ▼                         │
│  ┌───────────────────────────────┐       │
│  │   Controls are repopulated with │      │
│  │    information from view state  │      │
│  └───────────────────────────────┘       │
│                 │                         │
│                 ▼                         │
│  ┌───────────────────────────────┐       │
│  │     Page.Load event occurs     │       │
│  └───────────────────────────────┘       │
│                 │                         │
│                 ▼                         │
│  ┌───────────────────────────────┐       │
│  │  All other events occur (like Click │  │
│  │     and Change events)         │       │
│  └───────────────────────────────┘       │
│                 │                         │
│                 ▼                         │
│  ┌───────────────────────────────┐       │
│  │   Page.PreRender event occurs  │       │
│  └───────────────────────────────┘       │
│                 │                         │
│                 ▼                         │
│  ┌───────────────────────────────┐       │
│  │   Control information is stored in │   │
│  │           view state           │       │
│  └───────────────────────────────┘       │
│                 │                         │
│                 ▼                         │
│  ┌───────────────────────────────┐       │
│  │   HTML for page is rendered (and │     │
│  │    can no longer be changed)   │       │
│  └───────────────────────────────┘       │
│                 │                         │
│                 ▼                         │
│  ┌───────────────────────────────┐       │
│  │    Page.Unload event occurs    │       │
│  └───────────────────────────────┘       │
│                 │                         │
│                 ▼                         │
│  ┌───────────────────────────────┐       │
│  │   Page object is released from │       │
│  │             memory             │       │
│  └───────────────────────────────┘       │
└─────────────────────────────────────────┘
```

10.What are the EventHandlers that can be included in the global .aspx file

Application_Start()
Applcation_End()
Application_Error()
Session_Start()
Session_End()

11.What type of code,client side or server side is found in a code behind file of a webpage?

     ServerSide

12.What does the EnableView Property do?Why do we want it on or off?

  The EnableViewState property enables the ViewState property on the page.I t is set to On to allow the page to save the users input between postback requests of a Web page; that is, between the Request and corresponding Response objects. When this property is set to Off, the page does not store the users input during postback.

13.What is the difference between HTML Controls & WebServer Controls?

HTML Controls	WebServer Controls
HTML controls are the native browser elements and they are part of HTML language.	Web Server Controls are group of controls derived directly from the System.Web.UI.WebControls base class.

These are client side controls which is accessible only in the HTML page	They are executed on the server side and output HTML sent back to the client browser.

14.What is the use of web.config file?
Web.config is the main settings and configuration file for an ASP.NET web application. It is an XML document that resides in the Web configuration of the site or application and contains data about how the web application will act.

15.What are the constructors defined by Exception?
Exception()
Exception(String)
Exception(String,Exception)

16.What are the main properties defined by Exception?
Source
Message
StackTrace
TargetSite