.NET Application and Page Life Cycle ->

In the .NET Framework, an application and its pages go through a series of steps, known as the application and page life cycle, as they are requested and served. These steps are common to all ASP.NET applications and provide a way to hook into the life cycle of an application and its pages to perform custom tasks.

* The application life cycle consists of the following steps:

1. Application start
2. Application end

* The page life cycle consists of the following steps:

1. Page request
2. Start
3. Initialization
4. Load
5. Validation
6. Rendering
7. Unload

Each of these steps corresponds to a method in the life cycle of an application or page. For example, the Application\_Start method is called when the application starts, and the Page\_Load method is called when a page is requested.

You can override these methods in your application or page to perform custom tasks. For example, you might override the Page\_Load method to load data from a database and bind it to a control on the page.

The life cycle of an application and its pages is important to understand because it determines when certain tasks are performed, and it provides a way for you to hook into the life cycle to perform custom tasks.