

► What is the ASP.NET Core all about?

- ASP.NET Core has evolved from the popular Microsoft web framework known as ASP.NET, and released in June 2016
- ASP.NET Core platform was developed as a result of the motivation to create a web-framework that serves the following goals:
 - A completely open-source software with a community built around to contribute
 - Run and develop cross-platform
 - Have a modular architecture
 - Finally, to be able to serve the modern trends in web development, such as client-side applications(Reactjs, Angular etc) and cloud deployments
- For achieving these goals, Microsoft needed a platform that could provide the underlying libraries that could allow creation of basic collection objects: lists and dictionaries and operations such as simple file handling.
- For ASP.NET Core, Microsoft created a lightweight platform that runs on Windows, macOS and Linux and known as .NET Core
- ASP.NET Core makes writing common functionalities in web applications, faster, easier and secure
- It has libraries to develop common things like:
 - Letting users to log in to the web app

- ▶ Creating dynamically changing web pages
- ▶ Allowing external authentication via Facebook, Twitter, Google etc
- ▶ Reading configuration files
- ▶ Serving image files