**UI Module (Front End)**

1. HTML
2. CSS
3. JavaScript
4. Bootstrap

Duration Course: 2Months

Class Timings : 9:15AM – 10:50AM (MON-SAT)

Telegram : codewithsatishgupta

2 Projects

-----------------------------------------------------------------------------------------------

**Types of Applications**

1. Standalone Applications/Desktop applications
2. **Web applications**
3. Distributed applications
4. Mobile Applications
5. IOT Applications
6. AI Applications

**Standalone or Desktop application**

An application executed individually or independently is called standalone or desktop application. These applications installed in system and run from same system.

Example: Calculator, MsPaint, Ms-Word, Ms-Excel,…

**Web Application**

An application whose resources are accessed from browser are called web applications.

Example: gmail.com, facebook.com,…

**Distributed Applications**

An application whose resources are access on other device using other applications can be called distributed application.

Example: Amazon, flipcart…

**Mobile Applications**

An application which runs inside module and does not uses any other resources is called mobile applications

Example: calculator, clock, contacts, games

**IOT applications**

IOT stands for Internet Of Things.

IOT Applications are controlling devices using internet

**AI, applications**

AI stands Artificial Intelligence.

Example: Driver less Car

----------------------------------------------------------------------------------------------

Networking

**What is networking?**

Networking is logical or physical connection between two or more devices.

**Advantage of networking**

1. Sharing Data/information
2. Sharing resources

**Types of networks**

1. LAN 🡪 Local Area Network
2. MAN 🡪 Metropolitan Network
3. WAN 🡪 Wide Area Network

**What is internet?**

Internet is a wide area network (OR) networks of networks

1. Connection Oriented
2. Connection Less

In connection oriented two or more devices are connected using cables.

In connectionless two or more devices are connected using radio signals. It works with some devices installed inside computer or mobile.

First network is introduced or created by US DO called ARPANET.

The Advanced Research Projects Agency Network (ARPANET) was the first wide-area packet-switched network with distributed control and one of the first computer networks to implement the TCP/IP protocol suite.

----------------------------------------------------------------------------------------

**What is Web?**

Web is a part of internet or restricted access on internet is called web.

Web also called WWW (World Wide Web) or W3 is a system of interconnected public web pages accessible through the Internet

History of Web

codewithsatishgupta