**Week 4 Workshop**

***Install roles and features in windows server 2022 that helps to host a static website.***

* Download a template using [www.free-css.com](http://www.free-css.com) and extract it.
* Create a folder in C drive and copy all the extracted files in that folder.

**Step 1: Open windows server’s server manager dashboard and**

**click on “Add roles and features”**

**Step 2: Now click on next button**

**Step 3: Tick “Role-based or feature-based installation”**

**Step 4: Click on next button without changing any setting on this page**

**Step 5: Tick on “Web Server (IIS)” feature.**

To host a website, we need to add a new role in server that we call it Web Server. This lets us to host web application over server.

**Step 6: Click on “Add Features” Button**

**Step 7: Now Web server role has been added. Now click on next.**

**Step 8: Again, click next leaving all default values.**

**Step 9: Click on next button**

**Step 10: Click next button without changing all value.**

**Step 11: Tick on “Restart the destination server automatically if required” and press Yes.**

**Step 12: Now it will take some time to get installed required features.**

**Step 13: We have successfully installed Web Server role in windows Server.**

**Now, click on Tools menu in *Server Manager Dashboard* and**

**find “Internet Information Services (IIS)” and click on it.**

**Step 14: The IIS manager will be now open. We can see our server name on the left pane of the manager.**

**Step 15: Click on dropdown button. Now you may see “Sites” option. Again, click on drop down button near Sites menu.**

**Step 16: As we can see there is only One web site which is default website. Now we are going to add new website. Right click on “Sites” and click on “Add Website”.**

**Step 17: Now we need to enter site credentials.**

**Give name “name.local” on Site name,**

**On Physical path select the folder where our website file are located**

**On Host name we need to type “name.local”**

**Step 18: Now we can see our site has been listed. We can browse our site by typing “name.local” on addressbar of web browser in windows server.**

**Step 19: If you faced “can’t reach this page” issue then we don’t have to worry. It means we need to register our site in host file too.**

**Step 20: To register our site in host file, we need to open the hosts file in notepad which is located at the following path:**

***C/Windows/System32/drivers/etc/hosts***

**Now open that hosts file using notepad.**

**Step 21: Add the following line at the end of the file:**

**127.0.0.1 name.local**

**And save it.**

**Step 22: Now reload the webpage.**