**Module 10.2: Laboratory Exercises**

**Exercise 1: Deploying the Angular Application**

#### Task 1: Making the code ready for production

1. In the start menu click **Visual Studio Code**.
2. In the **Visual Studio Code** window click on **File** menu thenclick **Open Folder.**
3. In the dialog box navigate to **D:\ ITLCANGULAR\MOD10.2\Starter\Exercise1\LaptopWebApplication,** then click **Select Folder.**
4. In the **Visual Studio Code Explorer,** expand the **src** folder then click the **Index.html**
5. In the **Index.html** file, locate the following code.

**<base href=”/”>**

1. Replace the located code with the following code.

**<base href=”/laptops/”>**

1. In **Visual Studio Code window** click **File** then click **Save All.**

#### Task 2: Creating a build

1. In the start menu click **Nodejs Command Prompt**.
2. In the **NodeJs Command Prompt** Enter the following command

>D:

>cd **“\ITLCANGULAR\MOD10.2\Starter\Exercise1\LaptopWebApplication”**

1. In the **NodeJs Command Prompt** Enter the following command

**>ng build**

1. Wait for the command to finish.
2. In the start menu click **File Explorer.**
3. In the **File Explorer** navigate to **“D:\ ITLCANGULAR\MOD10.2\Starter\Exercise1\LaptopWebApplication**
4. Verify that a folder named **dist** is created.

#### Task 3: Deploying to IIS.

1. In the **File Explorer,** navigate to **C:\inetpub\wwwroot**
2. In the **C:\inetpub\wwwroot** directory, create a folder then name it **laptops**.
3. In the **File Explorer**, navigate to **“D:\ ITLCANGULAR\MOD10\Starter\Exercise1\LaptopWebApplication”** then **copy** the **dist** directory.
4. In the **File Explorer,** navigate to **C:\inetpub\wwwroot\laptops** then **paste** the **dist** directory.

If prompted with a permission click continue.

1. On the keyboard press the combination **Window key+R.**
2. In the **Run** text box type **inetmgr** then hit **Enter** or press **Ok**
3. In the **Internet Information Services (IIS) Manager** Window, in the **Connection Pane,** expand host name (e.g DESKTOP-RUK5ITP), expand **sites** then expand **Default Web Site.**
4. Right click the **Default Web Site** then click **Add Application.**
5. In the **Add Application** Dialog box, In the **Alias** Text box type **laptops** (this our base url defined in index.html)
6. In the **Add Application** Dialog box, In the **Physical Path** Text box type **C:\inetpub\wwwroot\laptops\dist\LaptopWebApplication**
7. In the **Add Application** Dialog box, click **OK.**
8. In the **Connection Pane**, under **Default Web Site** right-click the **laptops** application then click **Manage Application** then click **Browse**.
9. Verify that the application is now working properly in IIS Server.