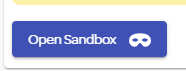
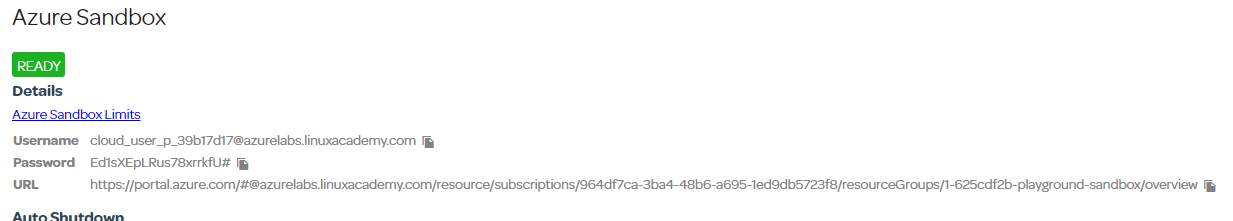
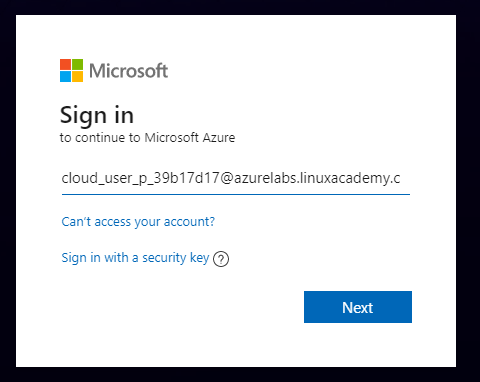
Guide to install Python on Windows Server

Click on Azure sandbox

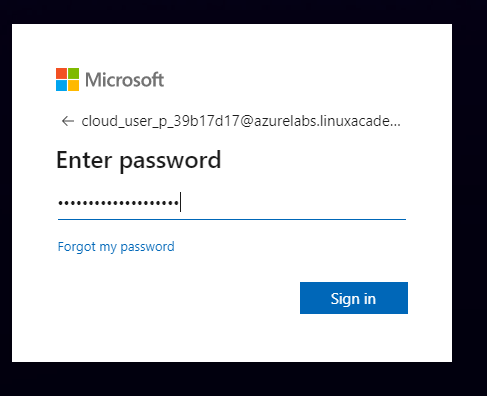
Open Azure sandbox using incognito mode. (right click on the button and click open in incognito mode)





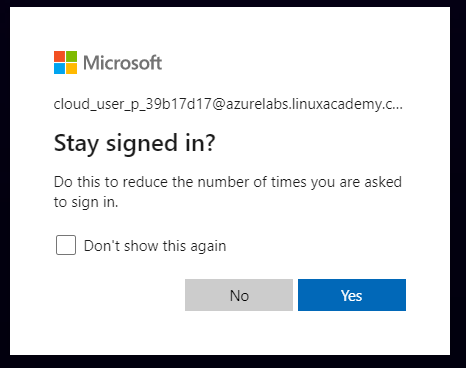


Enter in the username is shown. Click on the icon to copy to clipboard. Then click next.

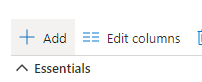


Enter the password and click Sign in.

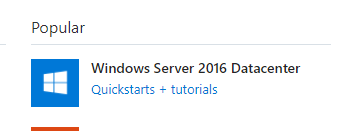
Check the don’t show this again and click Yes



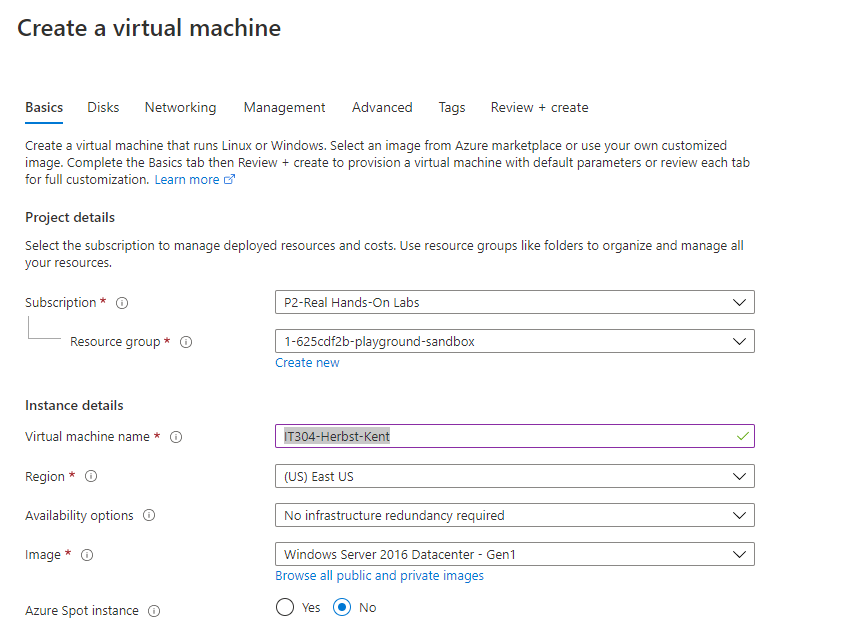
Click on Add at the top of the screen.



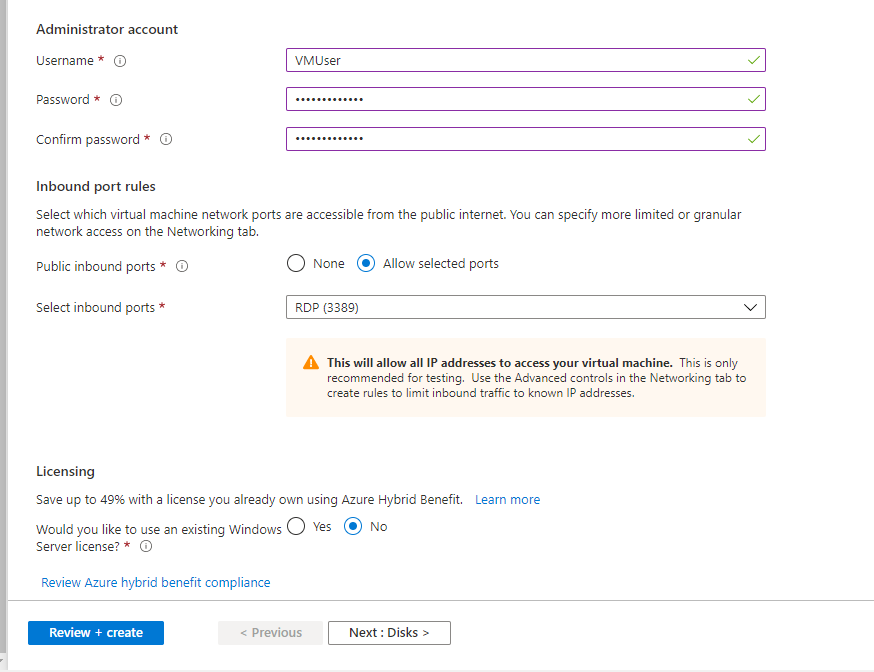
Select Windows Server 2016 Datacenter

 (if it is not shown click Get started)

Enter in a name for the server (IT305-LastName-FirstName)

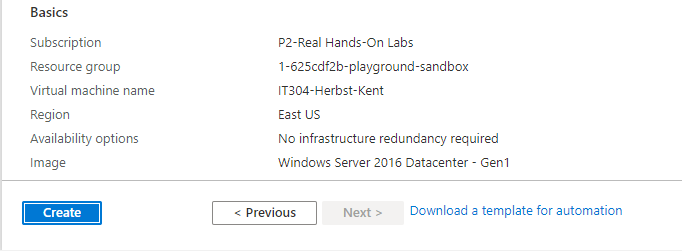


Scroll down and enter a username and password for the Administrator account



Keep everything else the same and click Review + create.

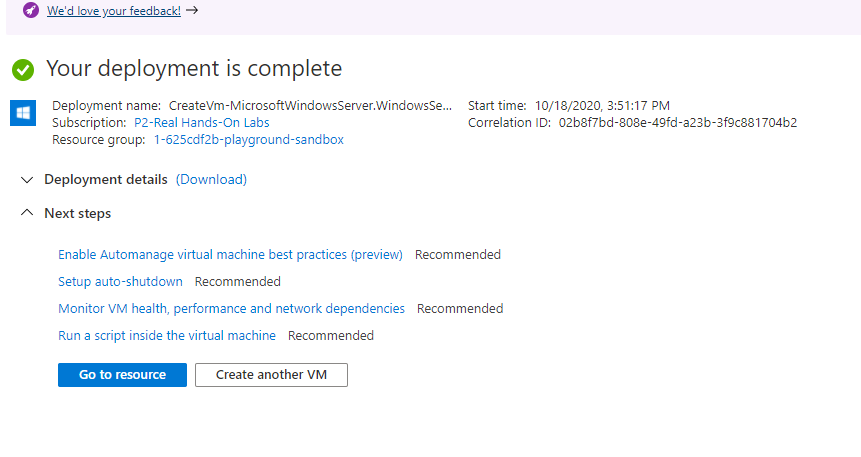
Click Create



You will see deployment in progress

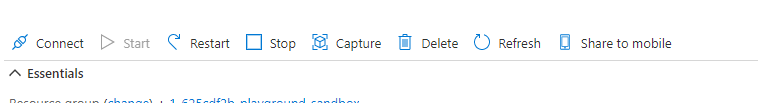


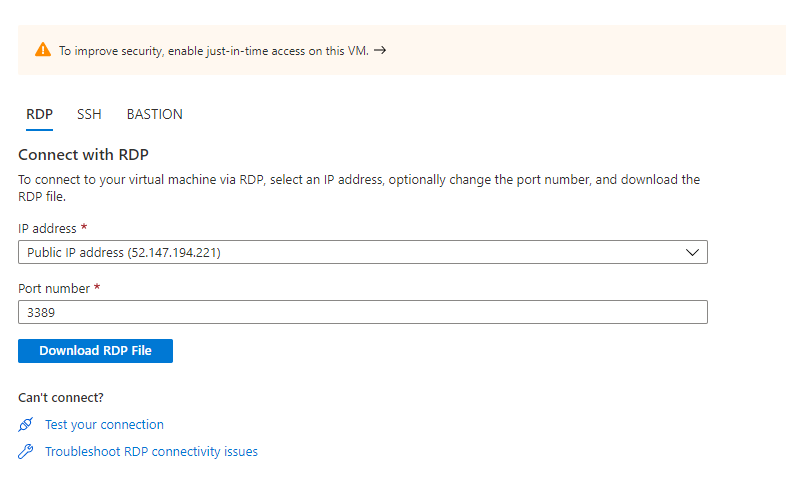
When it is done you will see Your Deployment is complete.



Click Go to resource

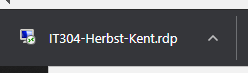
Click Connect in the upper Left and select RDP (if you are using Windows. If you are using MAC you can use SSH and use your terminal application).



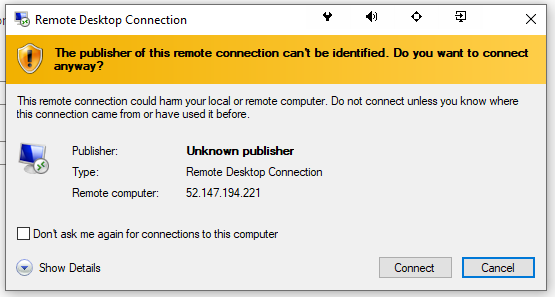


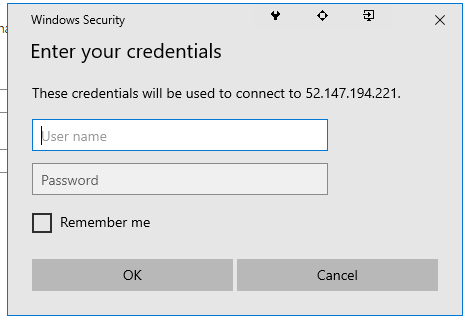
Click Download RDP File

Open the RDP file

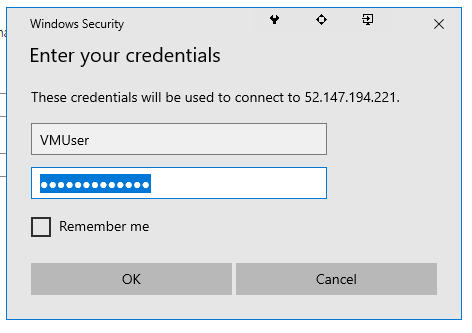


You can click Don’t ask me again for connections to this computer or not. Click connect.



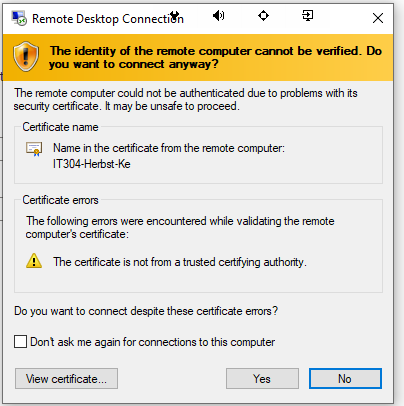


Enter the Administrator credentials you created before

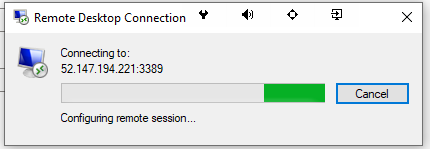


Click OK

You will be presented with another warning message

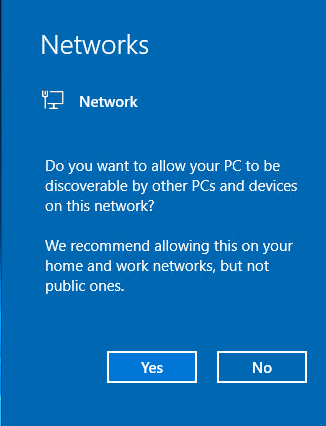


Click Yes

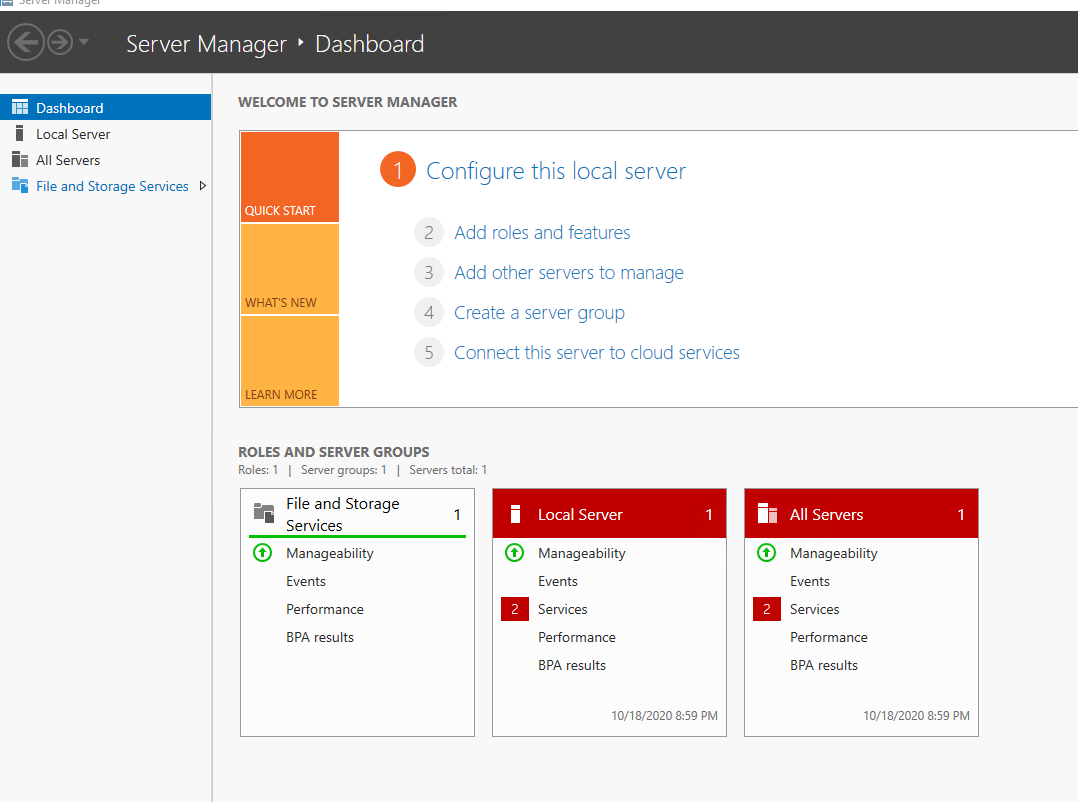


You will then be logged into your Datacenter version of Windows Server.

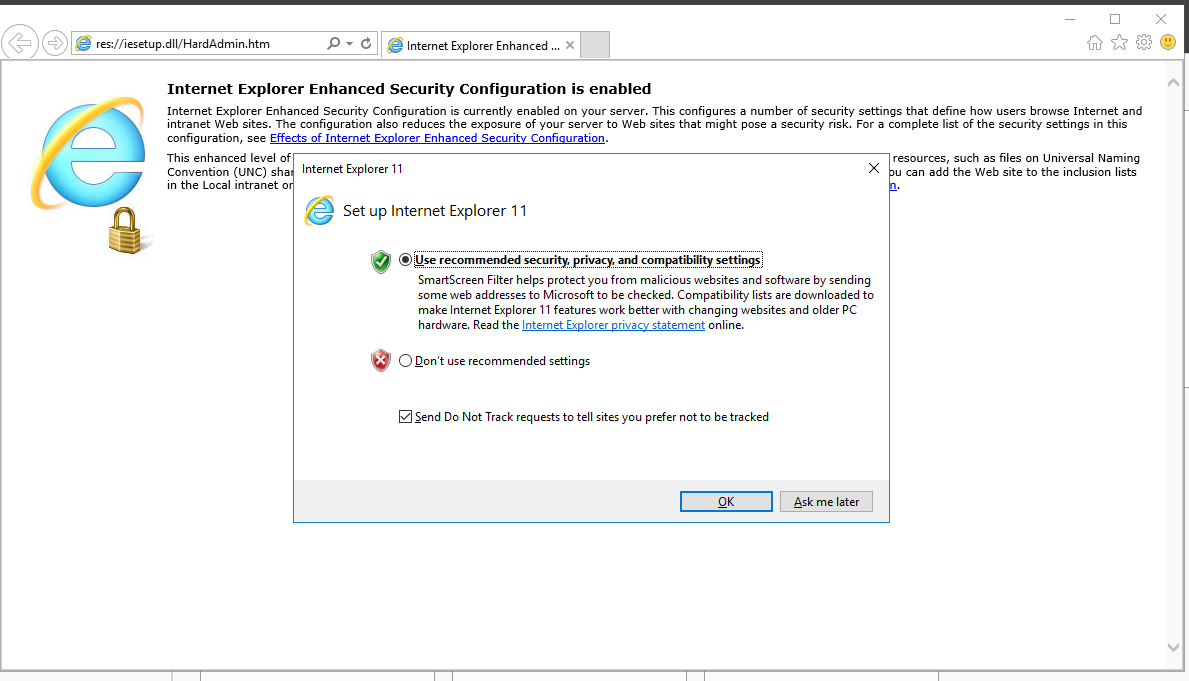
You can choose Yes or no to the next prompt



You will be presented with the Server Manager Dashboard



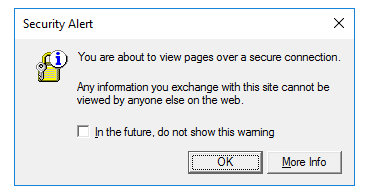
Open Internet Explorer



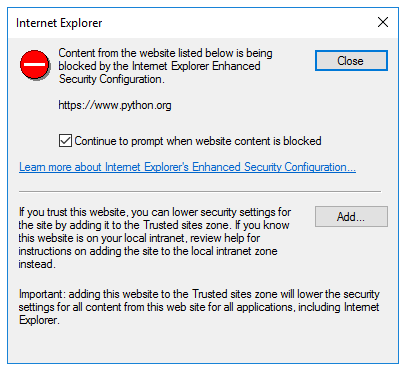
Click OK (unless you want to change the default search engine, etc.)

Enter [www.python.org](http://www.python.org) in the address bar

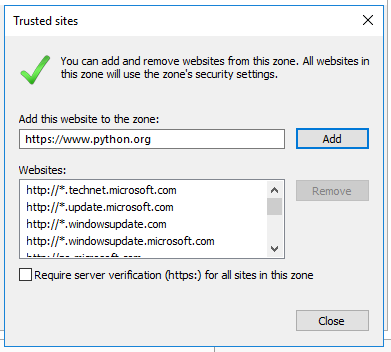
Click OK to the warning that shows



You will need to add the website

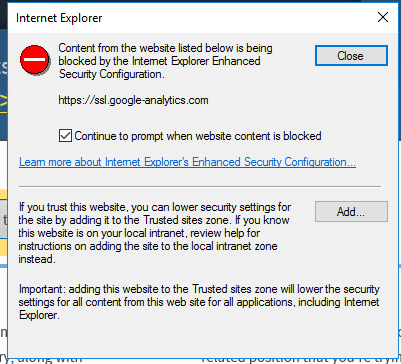


Click Add

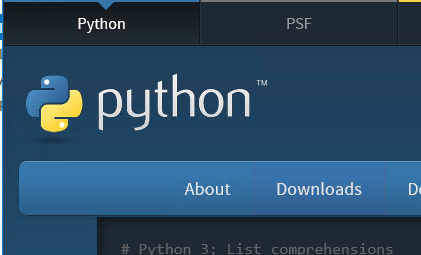


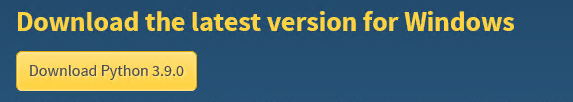
Click Add and then click Close

If prompted again, repeat the process



Click Downloads





Click to download Python

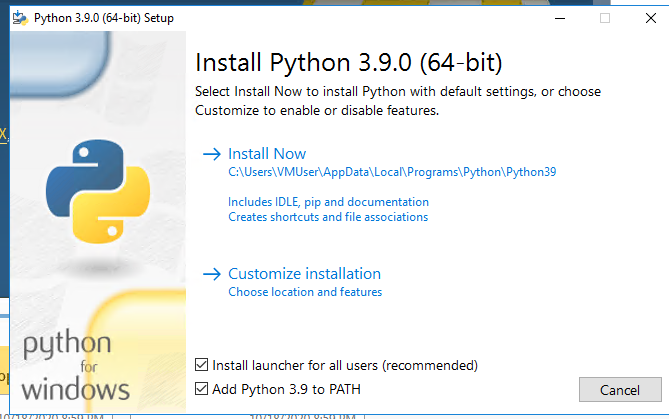
Click Save



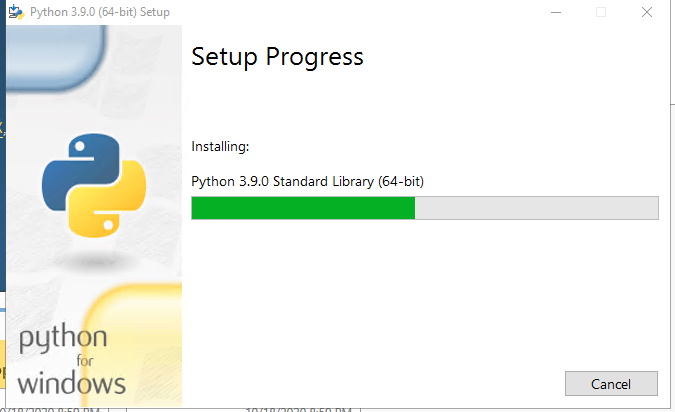
Then Run

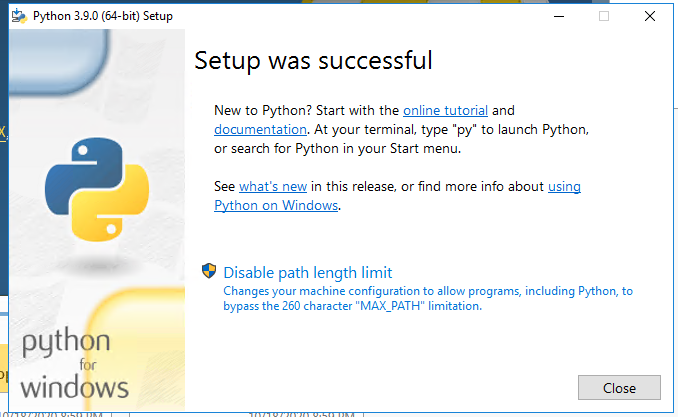


Check the Add Python 3.9 to PATH checkbox and click Install Now



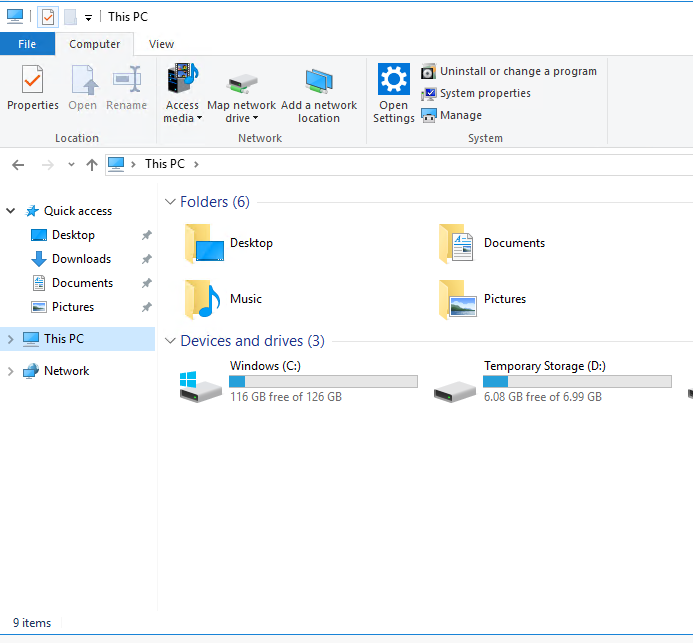
Install will start





Click Close

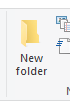
Open File Explorer



Click on This PC

Open Windows Drive C:

Create a new folder IT304 by clicking on the new Folder Icon



Open IT304

Right click in the window, select New, select Text Document

Name the file HelloWorld.py

Open the file

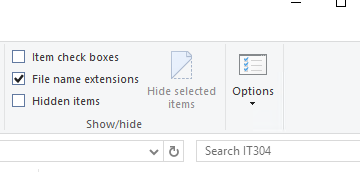
Copy in this code:

print("HelloWorld.")

Save the file

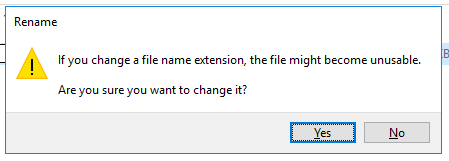
Click on the View Tab

Click File Name Extensions



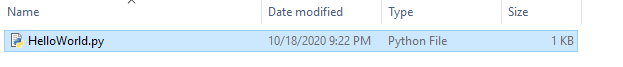
You will then see that your file is actually HelloWorld.py.txt

Rename the file to remve the .txt



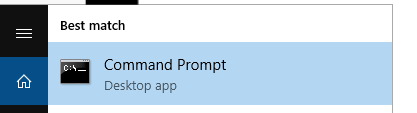
Click Yes

It will now show as a Python file.

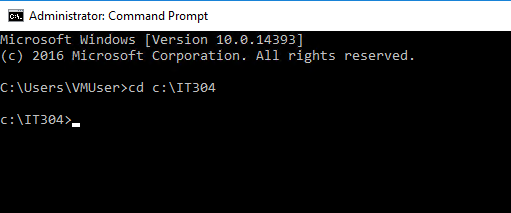


Click the magnifying glass and type cmd

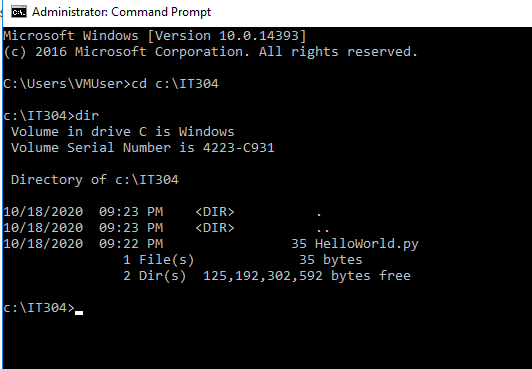
Click on Command Propt



Type cd c:\IT304 and press enter

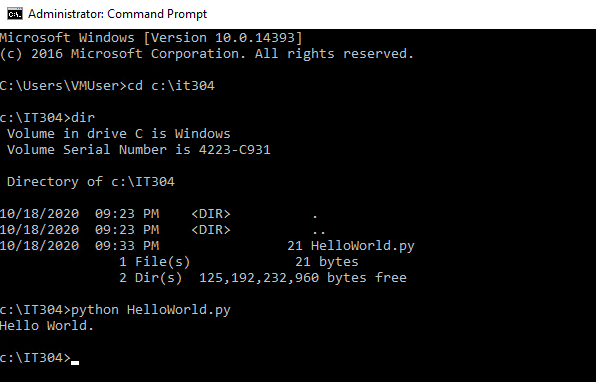


Type DIR and you will see our file



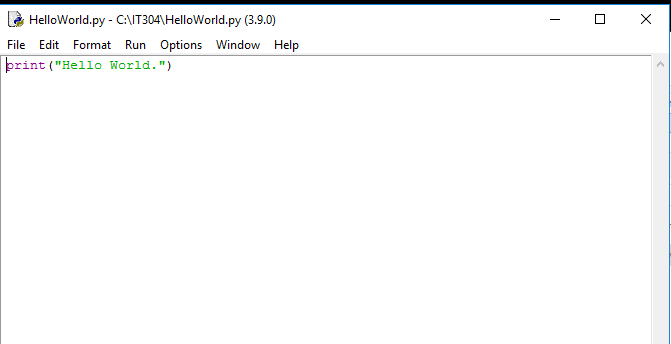
Type Python HelloWorld.py and press enter





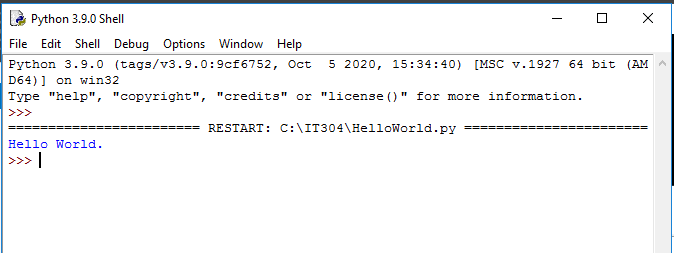
You have just run your program on a Windows Server on the Azure Cloud.

The other option is to right click on your file and choose Edit with Idle



You can then select Run from the menu

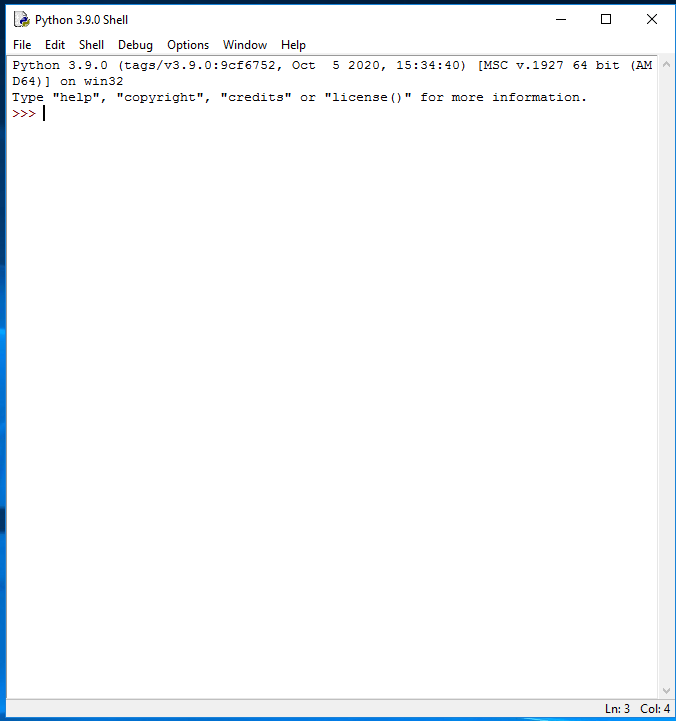
And chose Module



And you will see your program has run.

As an alternative to creating your file in notepad and then going through all the processes to change extensions you can also use Python Idle.

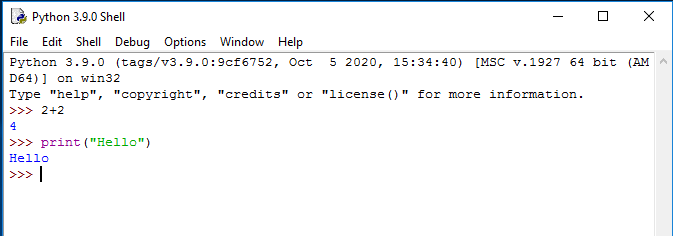
Click Start and look under Python and you will see Idle application



In this window you can type python commands and have it evaluate the code.

2+2 for example

Or Print(“Hello”)



You will see that it color codes the python commands

To start a new program click File and New File

This will open a new window that you can type your python code into.

Import time

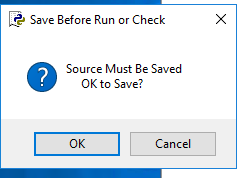
print("Hello")

time.sleep(5)

print ("Goodbye")

Go to Run and select Module

It will prompt you to save



Name this HelloGoodbye.py

You will then see in the python shell window Hello followed by Goodbye 5 seconds later.