

# IT4090 Cloud Computing 4<sup>th</sup> Year, 1<sup>st</sup> Semester

# <Azure Lab 01>

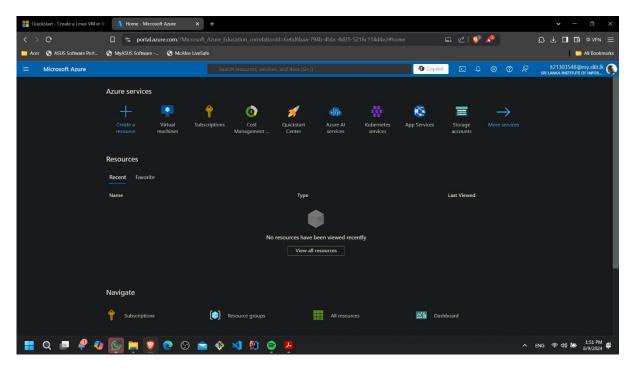
Submitted to
Sri Lanka Institute of Information Technology

# <IT21303548>

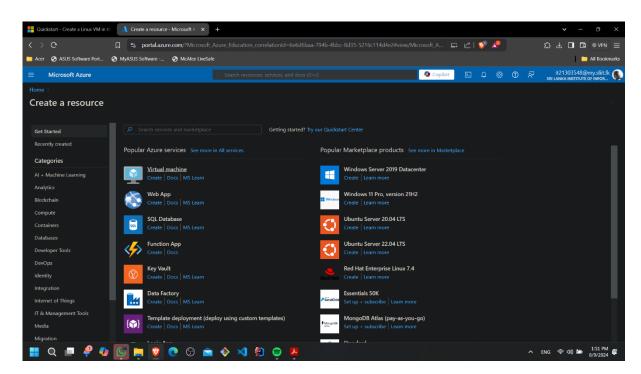
# <Gunasekara W.M.W.A.G.T.N.A.>

In partial fulfillment of the requirements for the Bachelor of Science Special Honors Degree in Information Technology

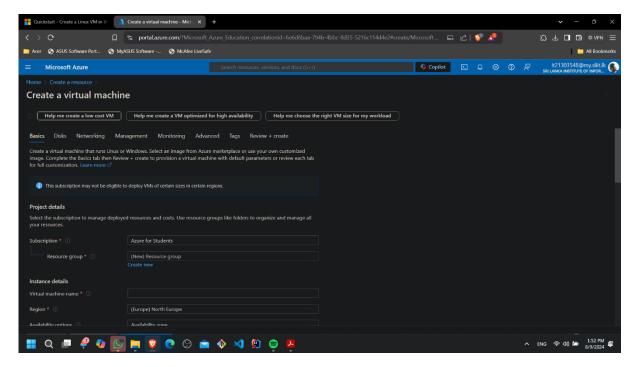
## 01)Create virtual machine



#### 1.1 – Click on Create a resources



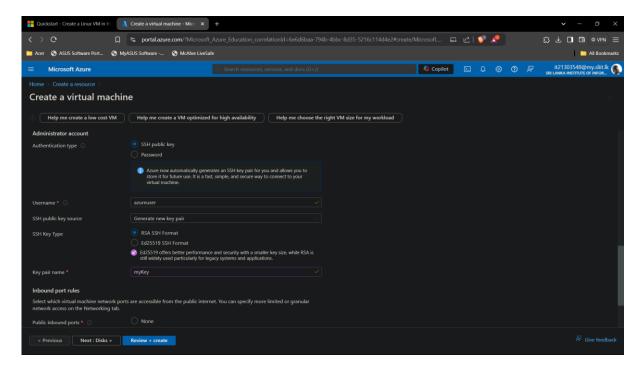
#### 1.2 – Click Virtual Machines



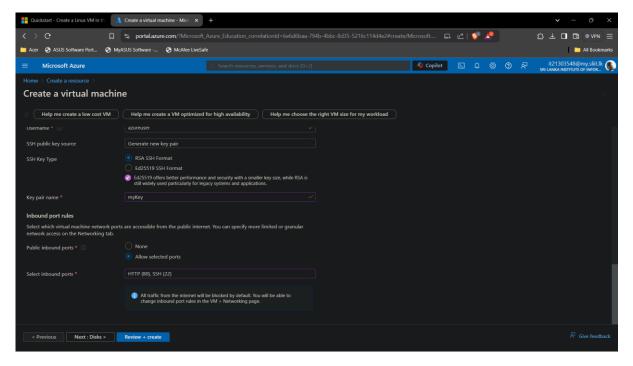
#### 1.3 – Fill The Details

Quickstart - Create a Linux VM in th	Create a virtual machine - Micro X +				
< > e □	portal.azure.com/?Microsoft_Azure_Education_correlationId=6e6d6baa-794b-4bbc-8d35-5216c114d4e2#create/l	Microsoft	C   💞 🖊	•	ಬ ± □ ७ (● VPN =
Acer 🔇 ASUS Software Port 🔇 My	ASUS Software 🐧 McAfee LiveSafe				All Bookmarks
<b>■</b> Microsoft Azure		Copilot	Σ Q		j it21303548@my.sliit.lk sri lanka institute of infor
Create a virtual machin	e ·				
Help me create a low cost VM	Help me create a VM optimized for high availability  Help me choose the right VM size for my workload				
Availability options ①	No infrastructure redundancy required				
Security type ①	Standard				
Image * ①	Ubuntu Server 24.04 LTS - x64 Gen2				
	This image is compatible with additional security features. <u>Click here to swap to the</u> . Inusted launch security type.				
VM architecture ①	○ Arm64				
Run with Azure Spot discount ①					
	Standard_D2s_v3 - 2 vcpus, 8 GiB memory (\$78.11/month)				
Enable Hibernation ①					
	(i) Hibernate is not supported by the size that you have selected. Choose a size that is compatible with Hibernate to enable this feature. <u>Learn more</u> □'				
Administrator account					
< Previous Next : Disks >	Review + create				

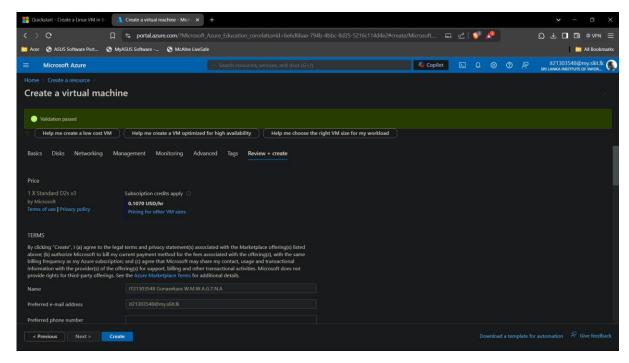
1.4 - Fill The Details



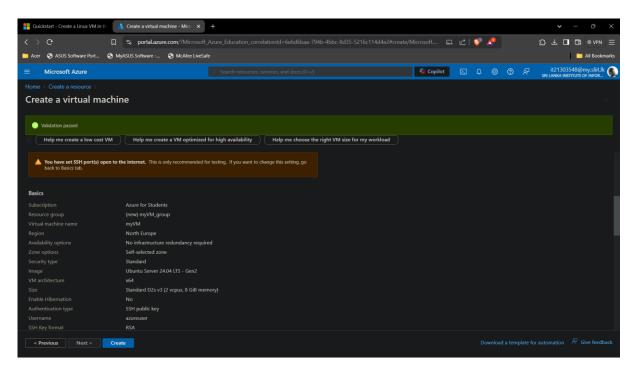
#### 1.5 - Fill The Details



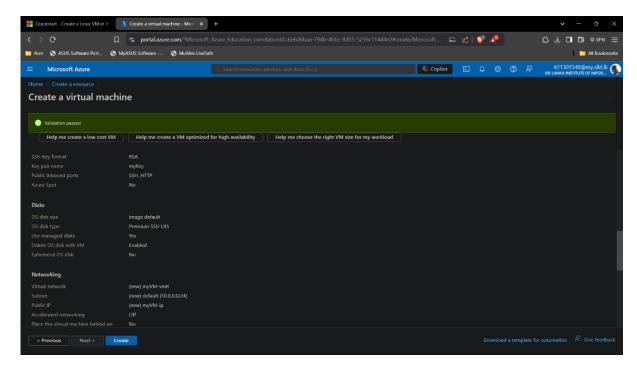
1.6 – Click Review + Create



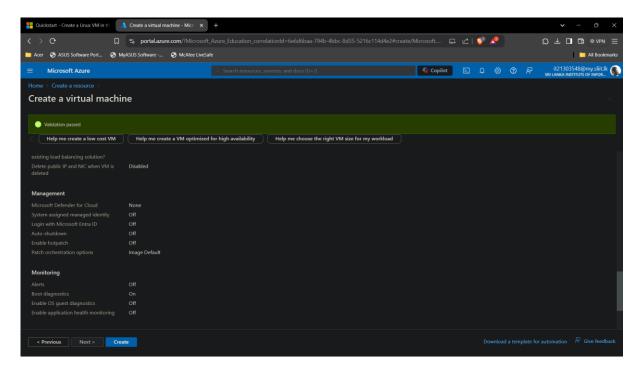
#### 1.7.1 -



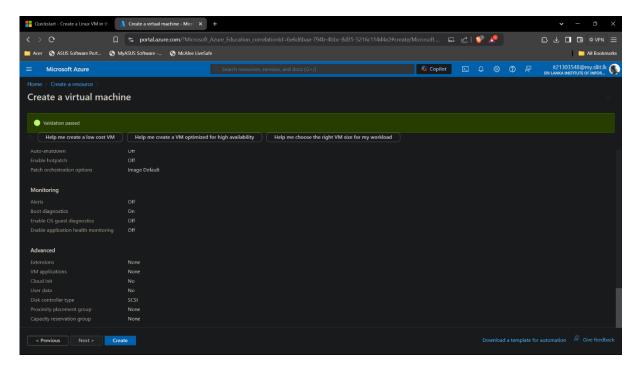
1.7.2 - **Details** 



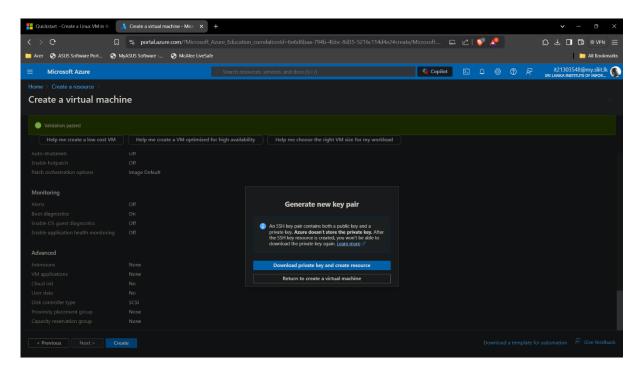
#### 1.7.3 - Details



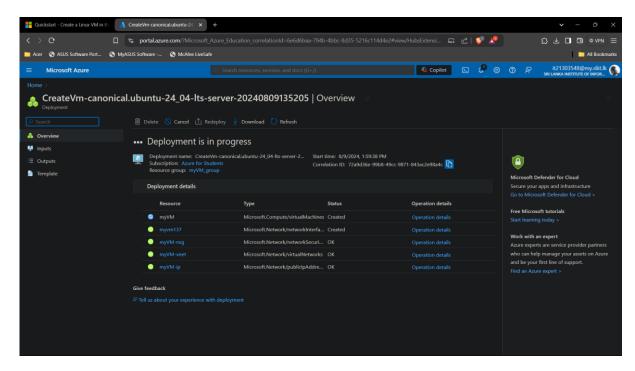
1.7.4 - Details



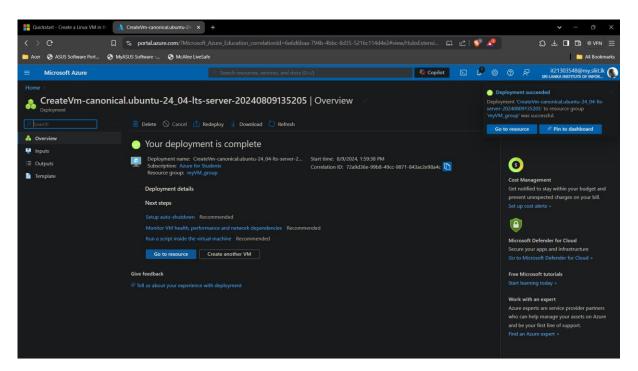
#### 1.7.5 – Click Create



1.8 - Click Download Private key and create resources

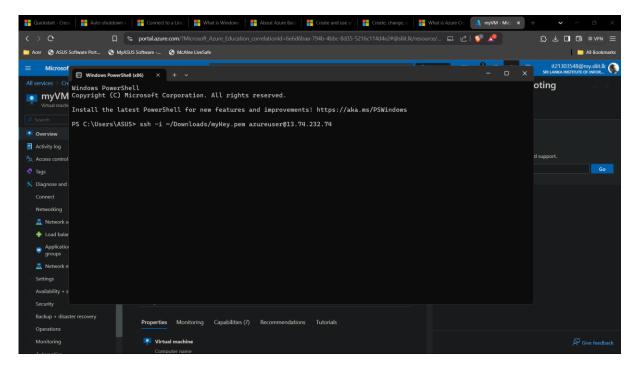


## 1.9 – deployment Progress



1.10 - Go to resources

#### 02) Connect to virtual machine

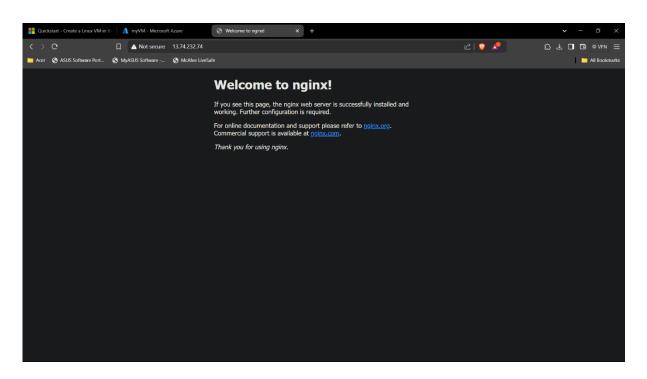


## 2.1 – Open Power shell and type codes

#### 2.2 - Install

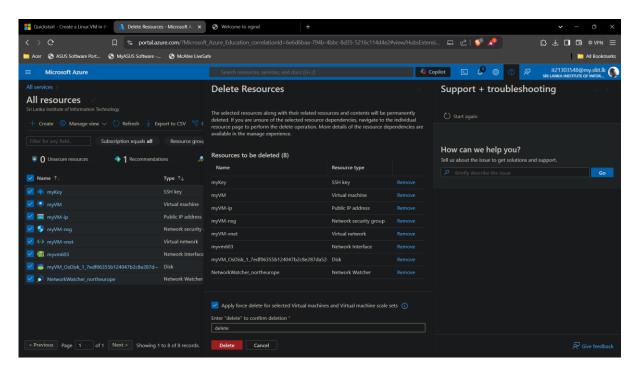
### 2.3 - run it

# 03) View the web server in action

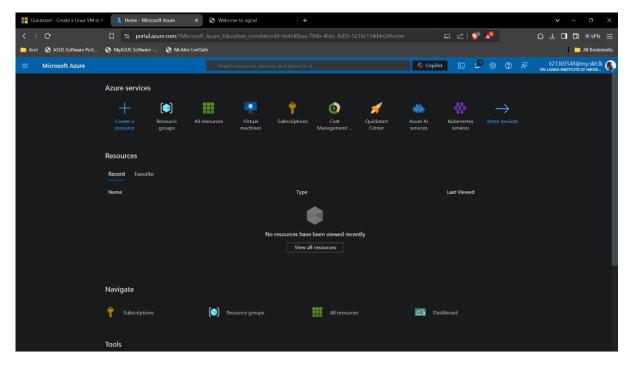


# 3.1 - Open the Browser

# 04) Clean up resources



#### 4.1 – Delete Resources



4.2 – After Delete It Look Like this