Mid Term Task

## Part 1

* Host a static website on Blob Storage: build and deploy a static Hello World website to Azure Storage.
* Verify that the default web page has the Hello World! page.
* Provide the steps and results.

For us to host a static website we will first create a resource group on Azure. We go to Resource groups and then we click on Create. We input the Subscription we are using and the name of the resource group. In my case **mid-term**. Also, we choose the region, my case East US, and click on Review + create. We wait for the validation do be successful and click create.

After we created our resource group, we move on to create our storage for our website. We go to Storage accounts and click Create. We input our Azure Sponsorship and the resource group we created, mid-term. We name our storage **midtermstatic**. Choose a region, East US. Next, we go on Review, wait for the validation to be successful and then we click Create. Now we have our storage.

On our Storage Account we look for Static website. There we click enable. We select index document name, in our case index.html, and error document name , in our case 404.html. We click save. On our storage account, we click our storage and there we click upload. There we upload our index and 404 pages.

We go back to our static website blade, and click $web that was created for us. There we can see our to uploaded pages. We go back and take the URL of our website. We find in Primary endpoint. We paste the URL in our web browser and we have our web page.

Graphical user interface, text, application

Description automatically generated

## Part 2

In this exercise we will setup a Linux based web server and will deploy a web page on it.

1. Create a Virtual Network where you will deploy your Linux Based Web Server.

We go to Virtual networks, and click on create. Enter Subscription, resource group, on our case we create new, **mid-term01.** And we give a name for our network **mid-term-vnet.**

1. Modify the network security group for your virtual machine that will allow you to remotely manage your machine only from your local machine and nowhere else.
2. Create a Linux Virtual Machine that will be your Web Server which is publicly available for web publishing (not SSL) only from your machine and nowhere else.
3. Connect to the VM.
4. Install Apache Web Server.
5. Deploy the “Hello World” web page.
6. Provide Testing from your cellphone.
7. Provide the steps and results.