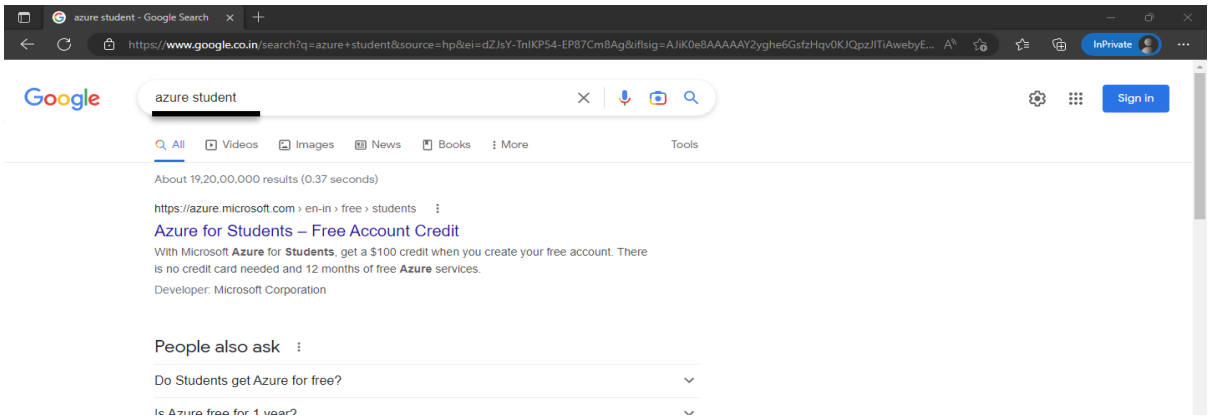
Connect to a virtual desktop (RDP) and deploy a website with virtual machines using azure cloud

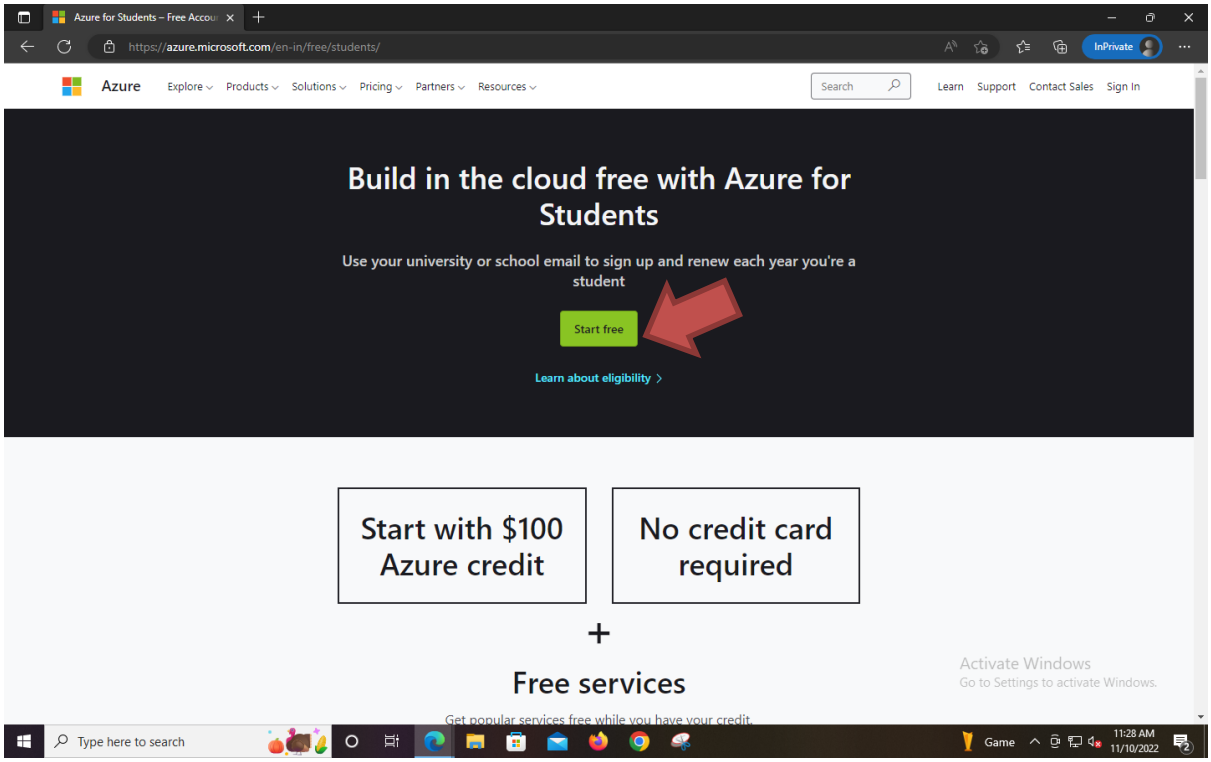
Aim:

To create a Microsoft Azure account, initialize a virtual machine and connecting RDP to the VM.

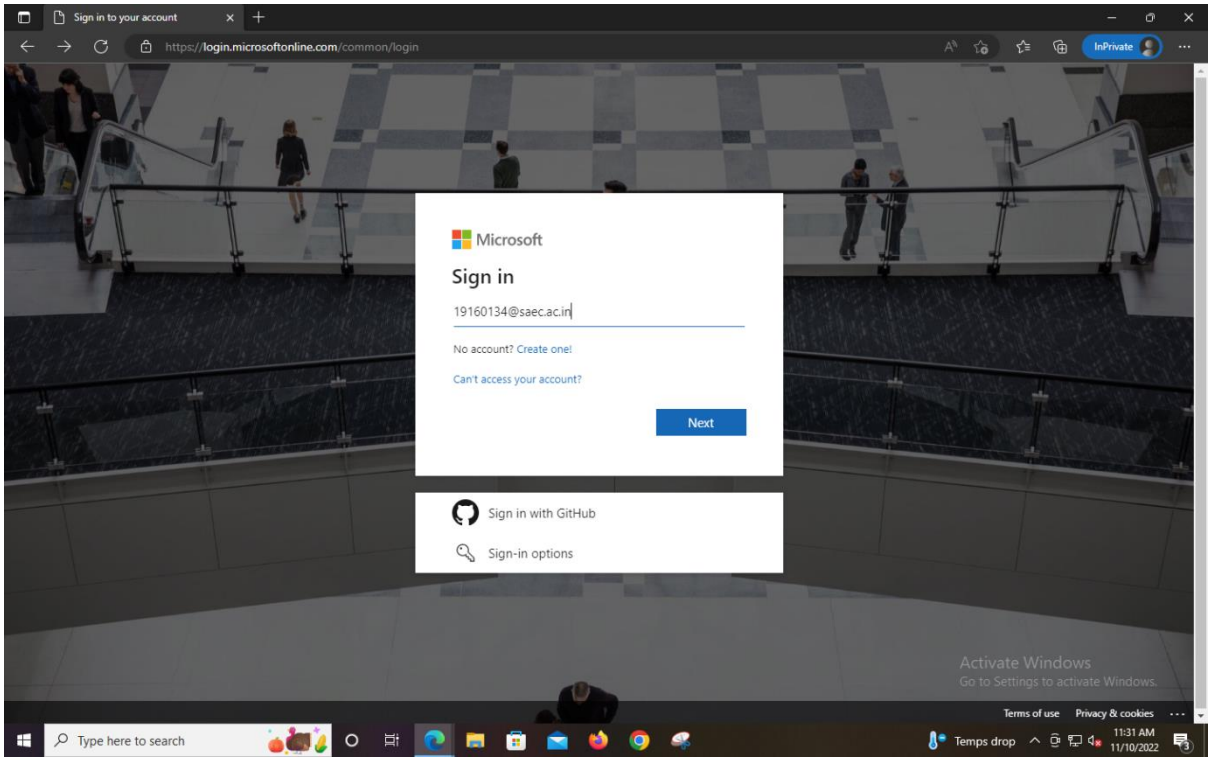
1. Open Browser → Type azure student →Click First Link.



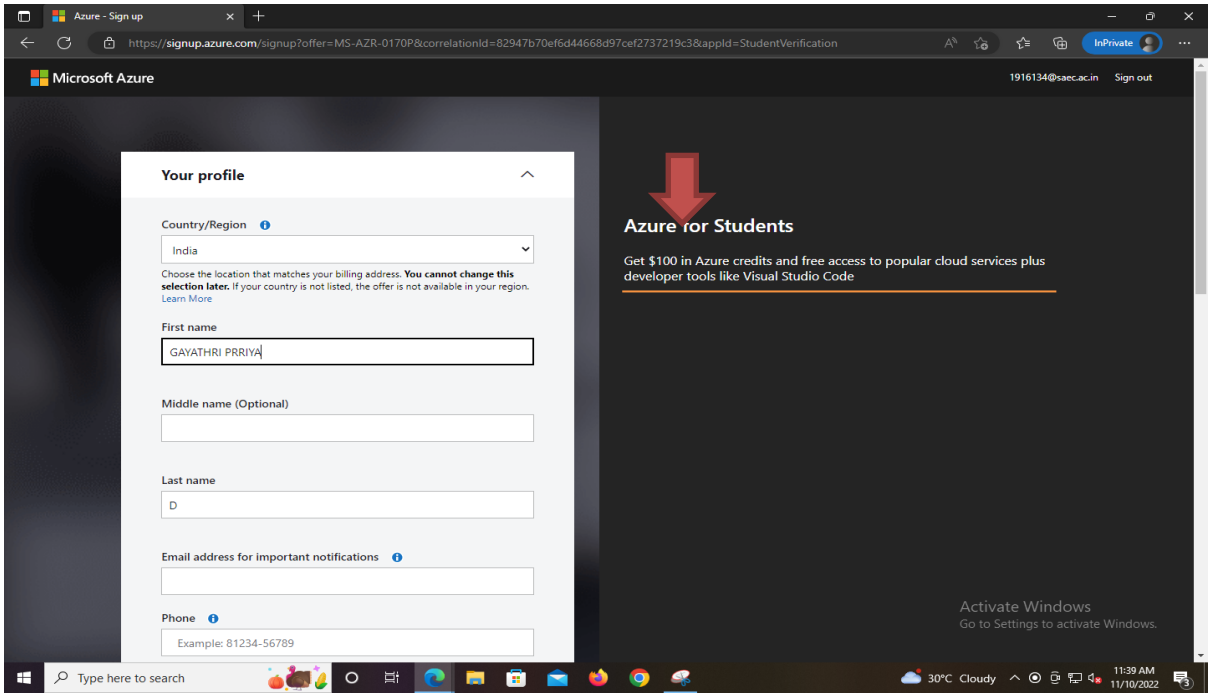
2. Click Start Free Button.



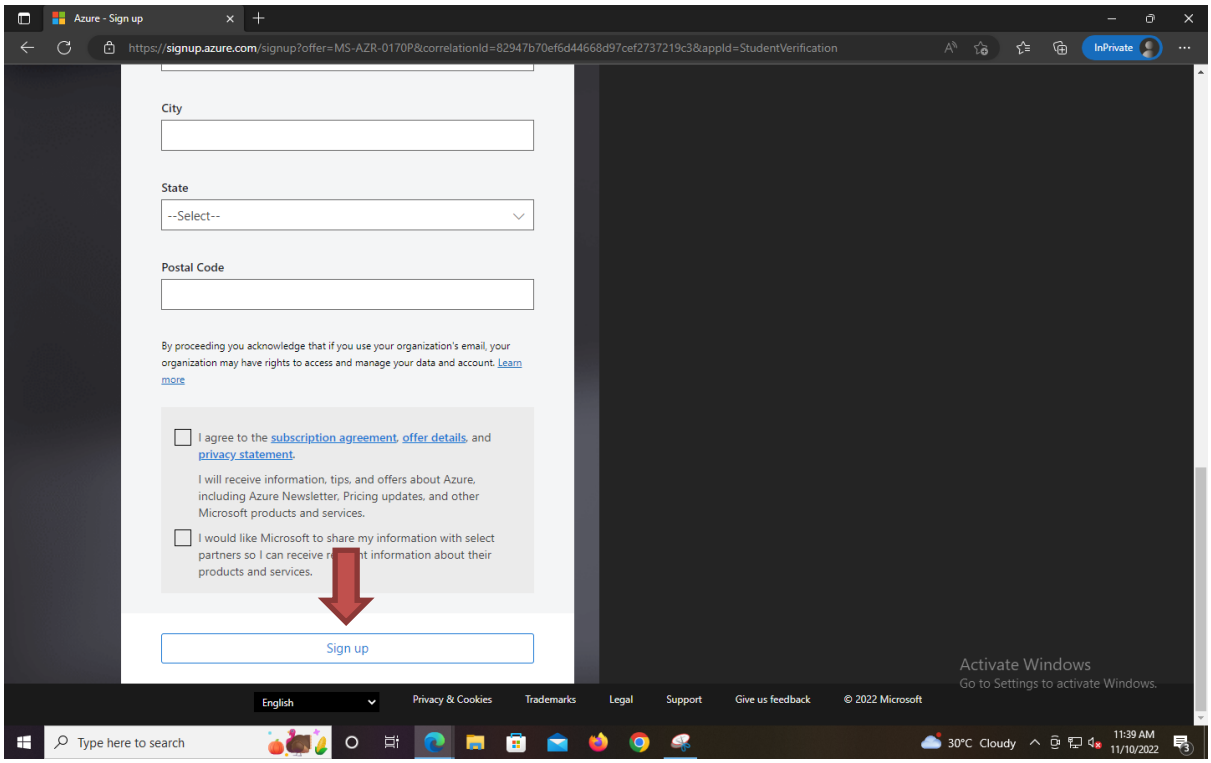
3. Creating an Account By using Education Mail Id →Click Next



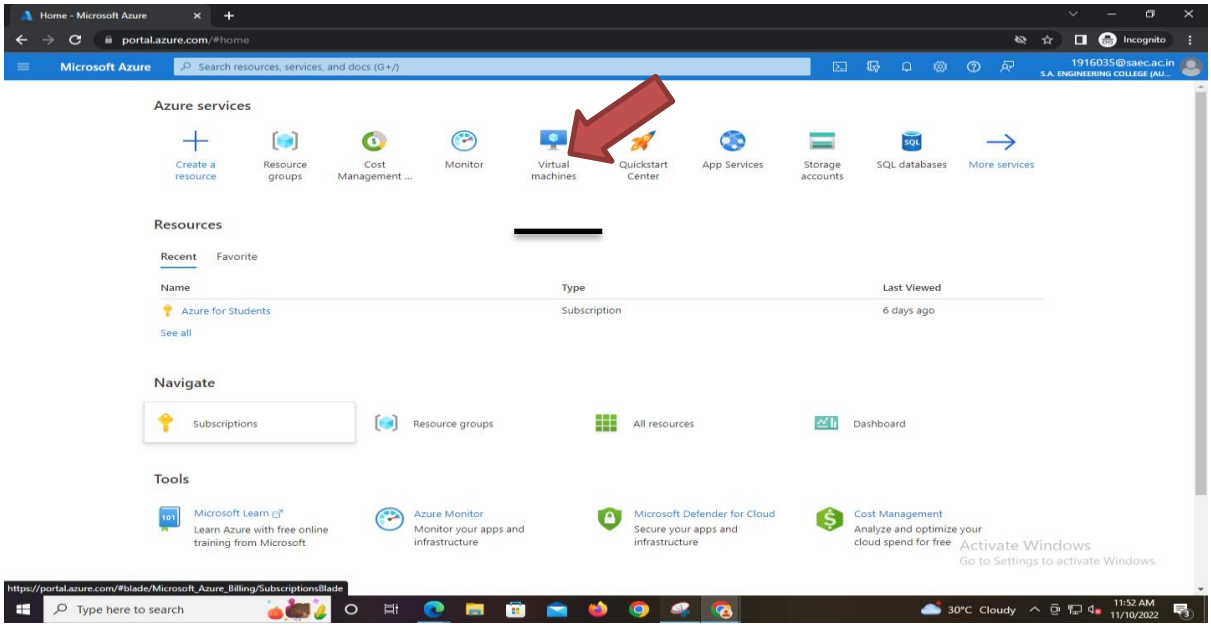
4. Type All The Details Given profile.



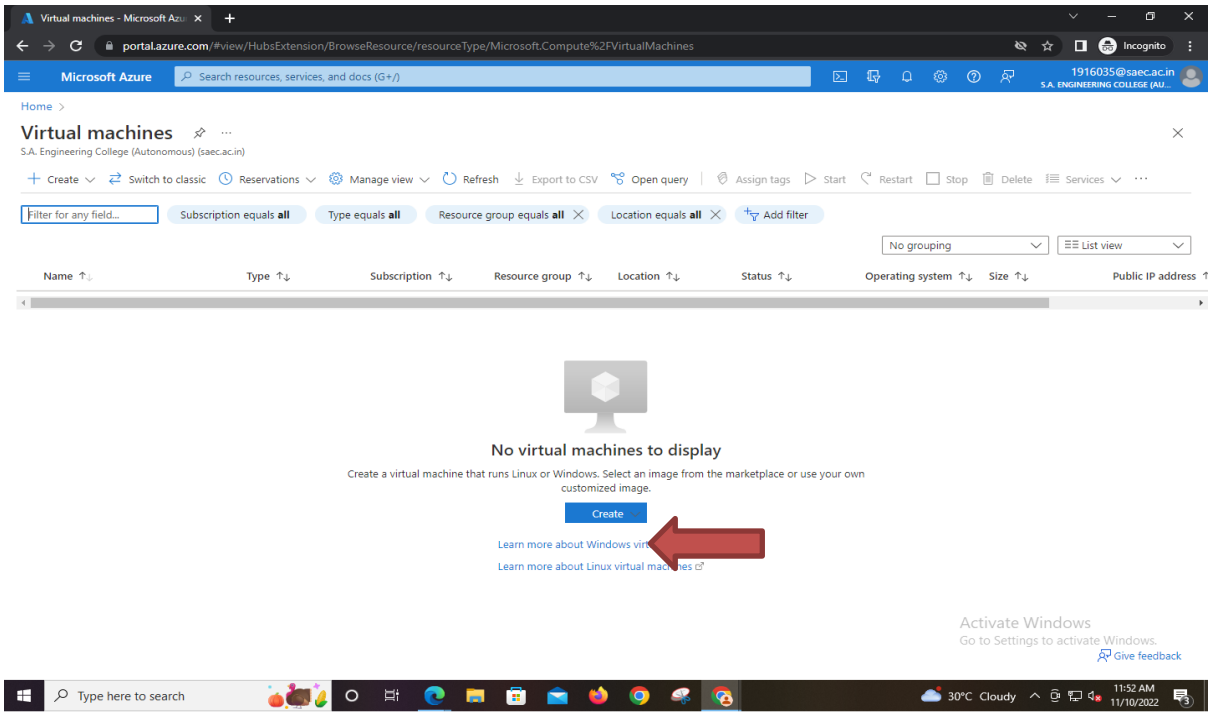
5. Kindly Read All The Agreement And click “Check Box “ if you agree with the conditions.
6. Click “Signup” Button.



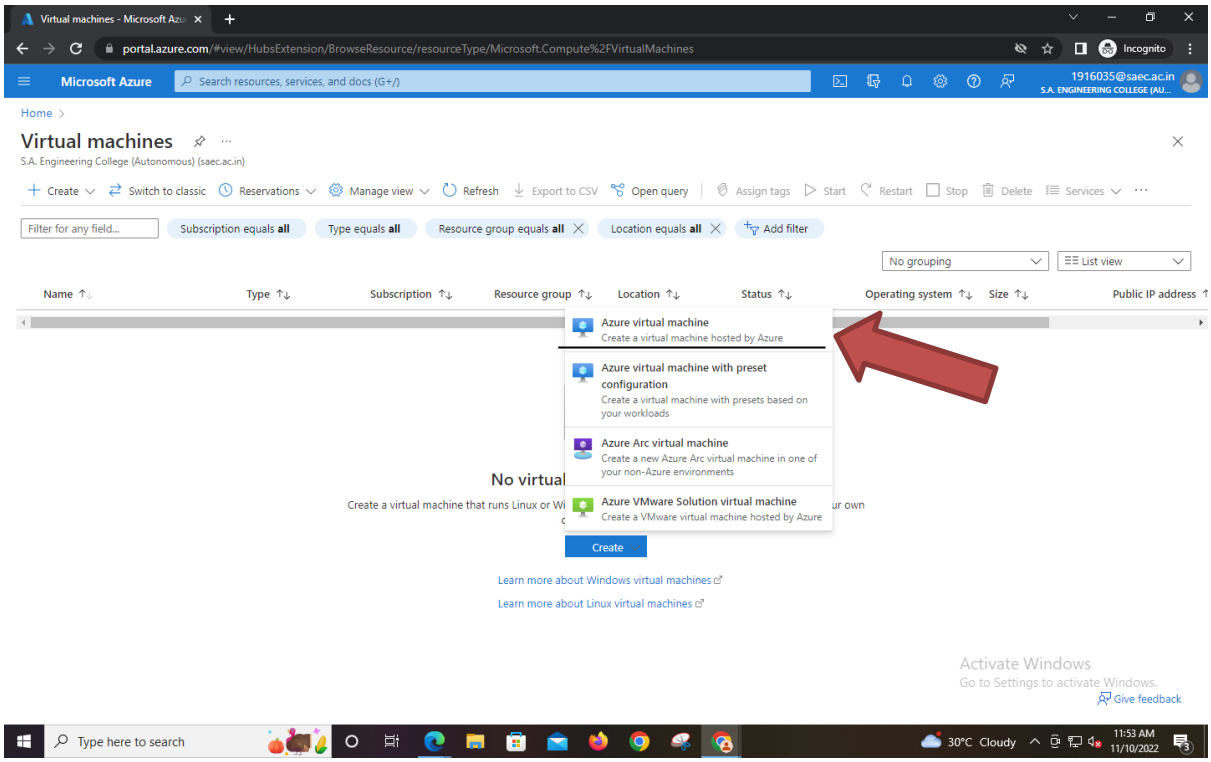
7.Click on Virtual machine on screen.



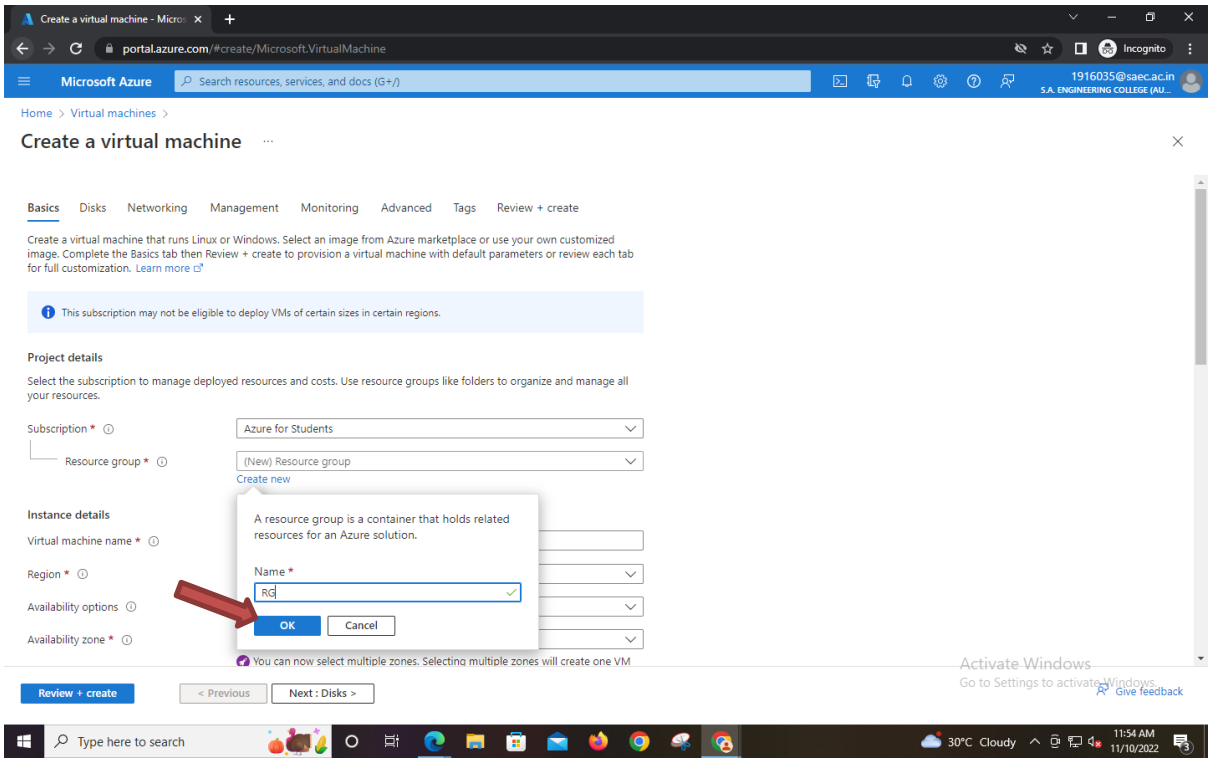
10. Click on the “Create Button”.



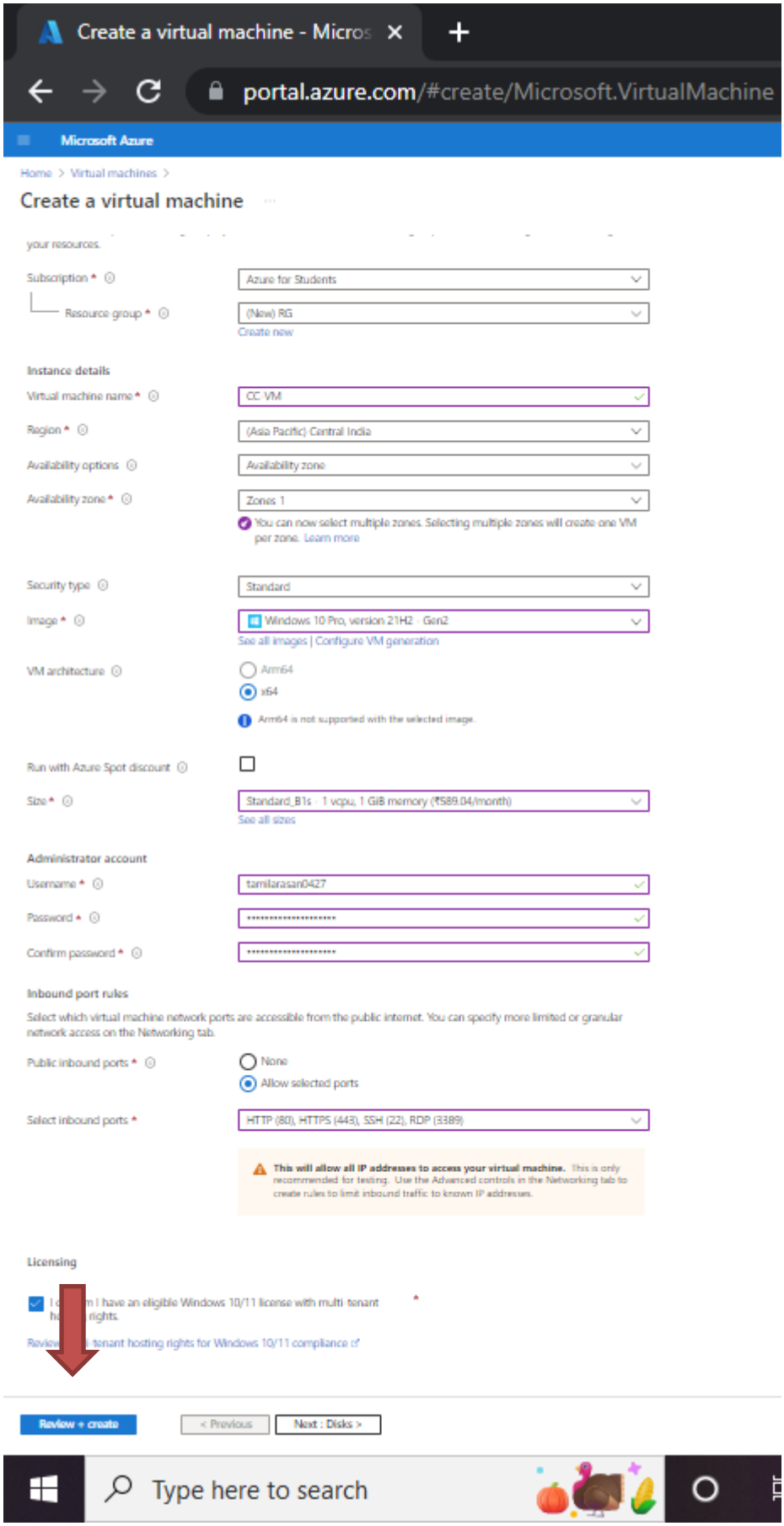
11.Select “Azure virtual machine” option popup.



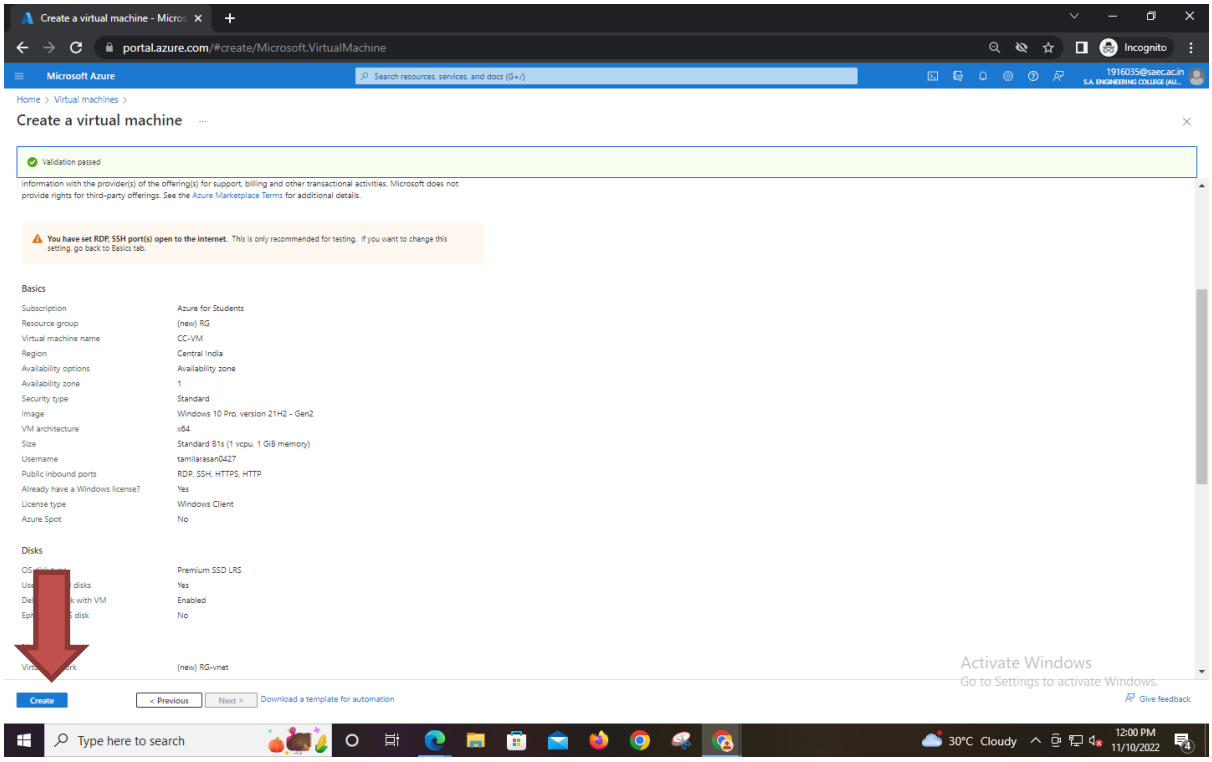
12.Enter the name for the resource group → Click “OK” Button.



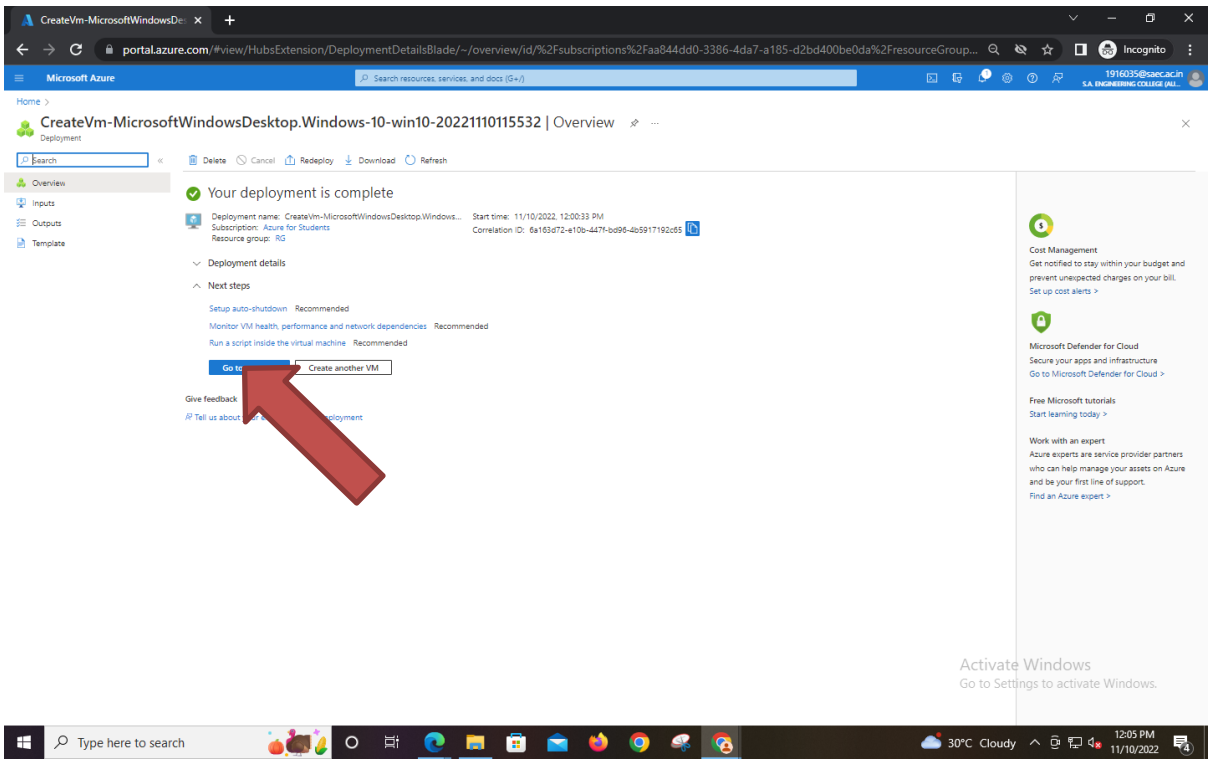
13.Click on Review + Create.



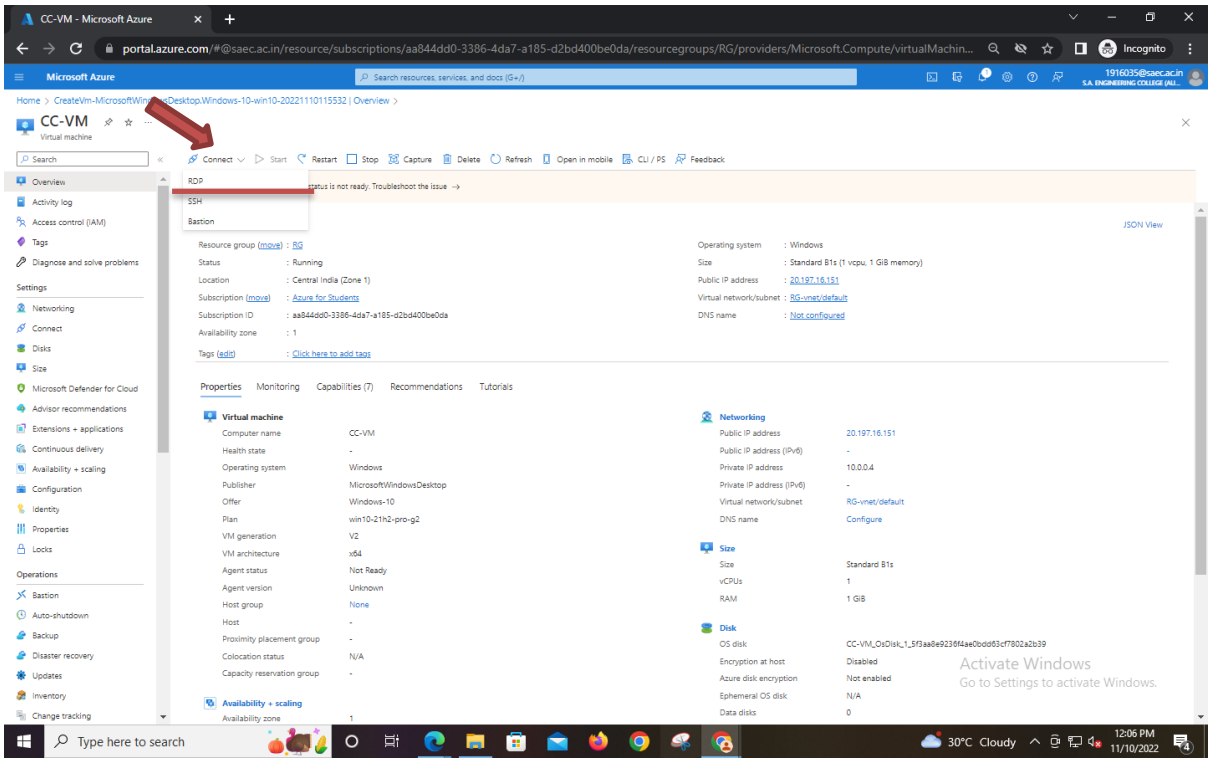
14. Click on “create button” .

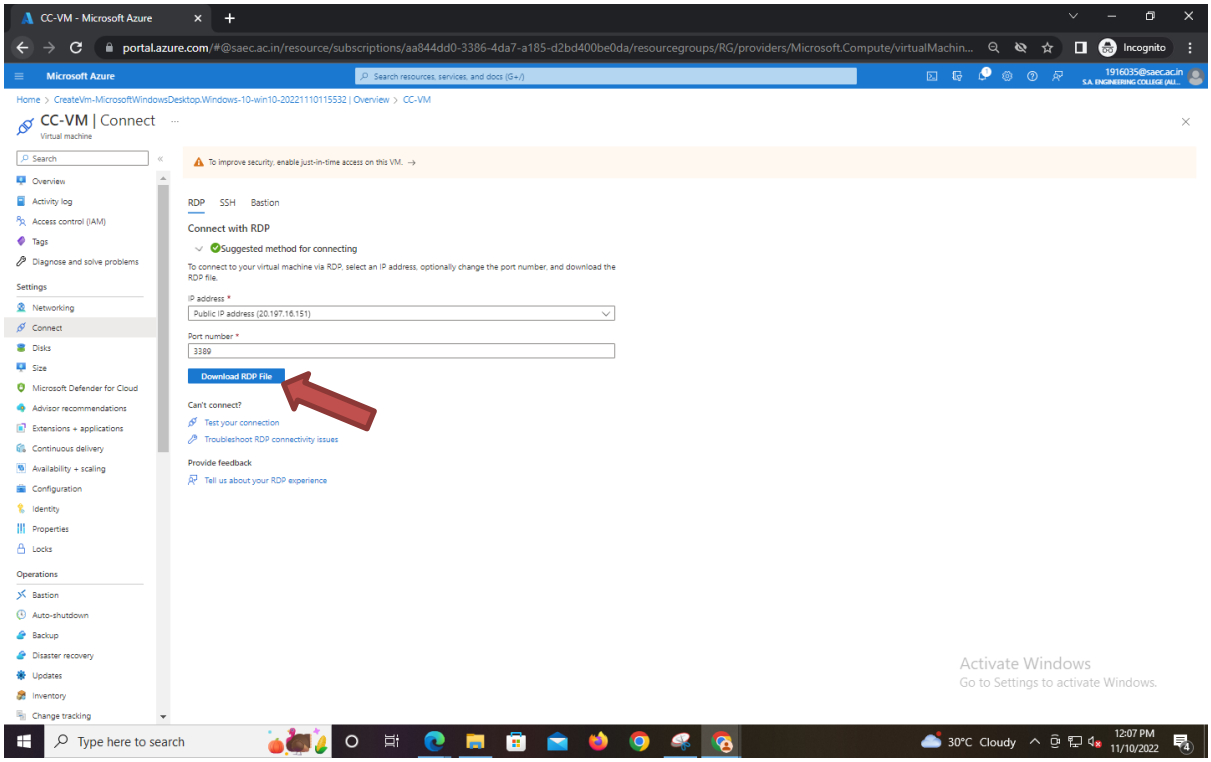


15. Click on “Go to resource”

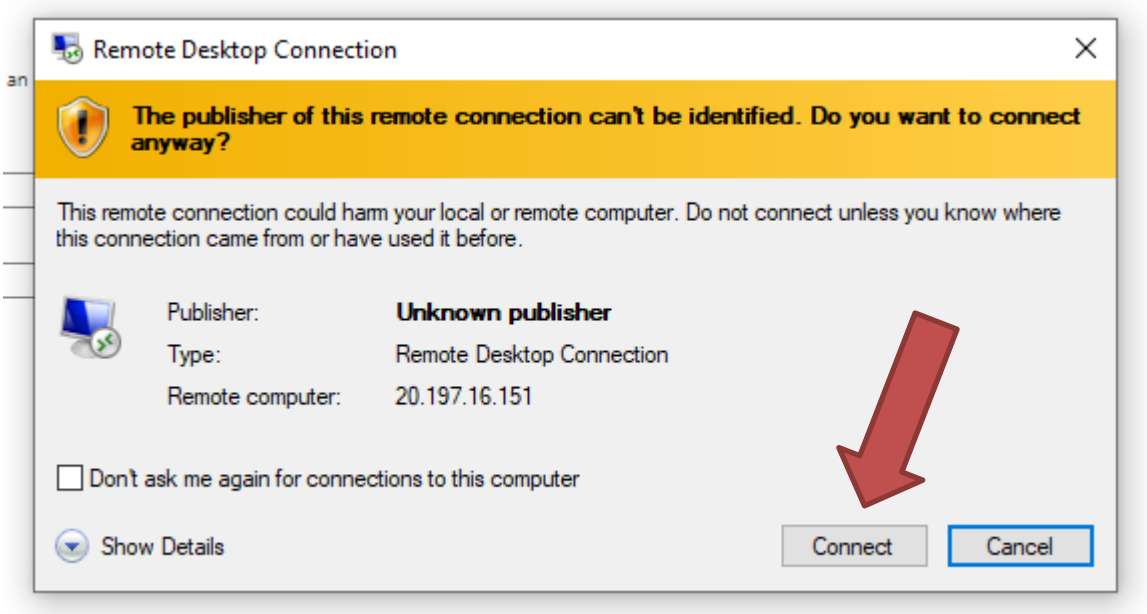


16. Click on connect button → RDP

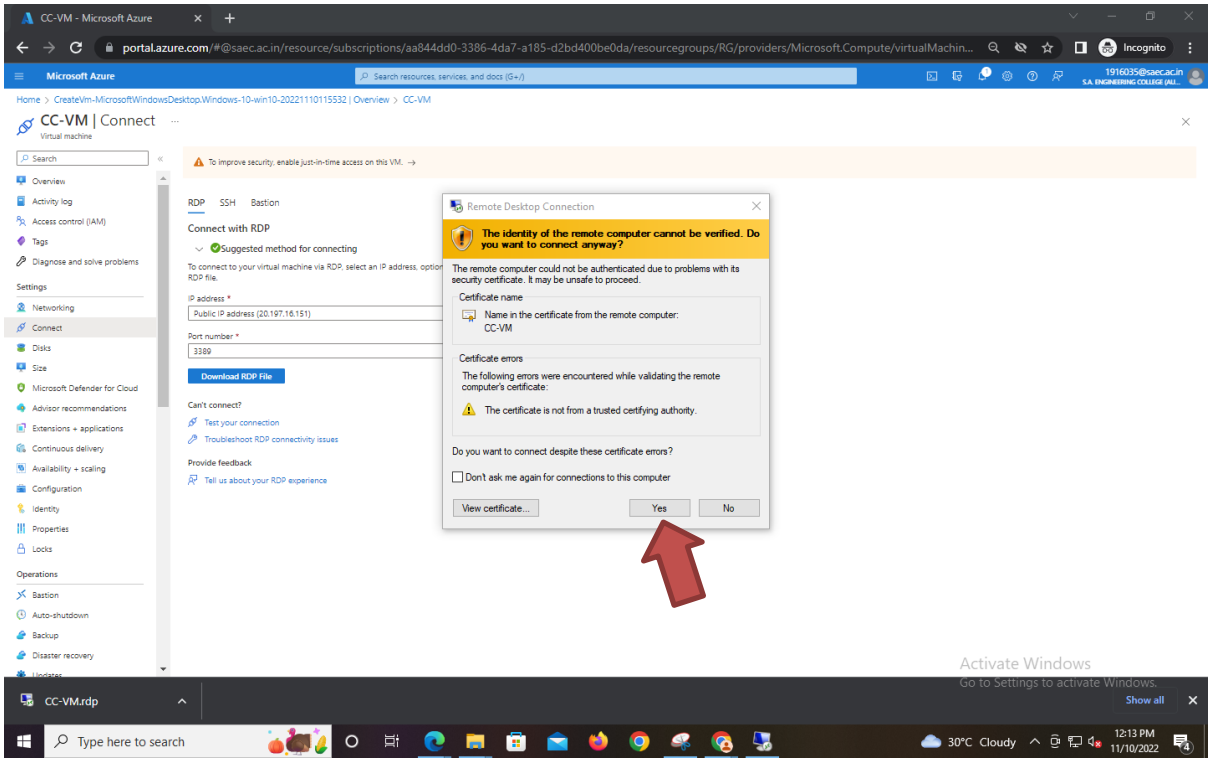




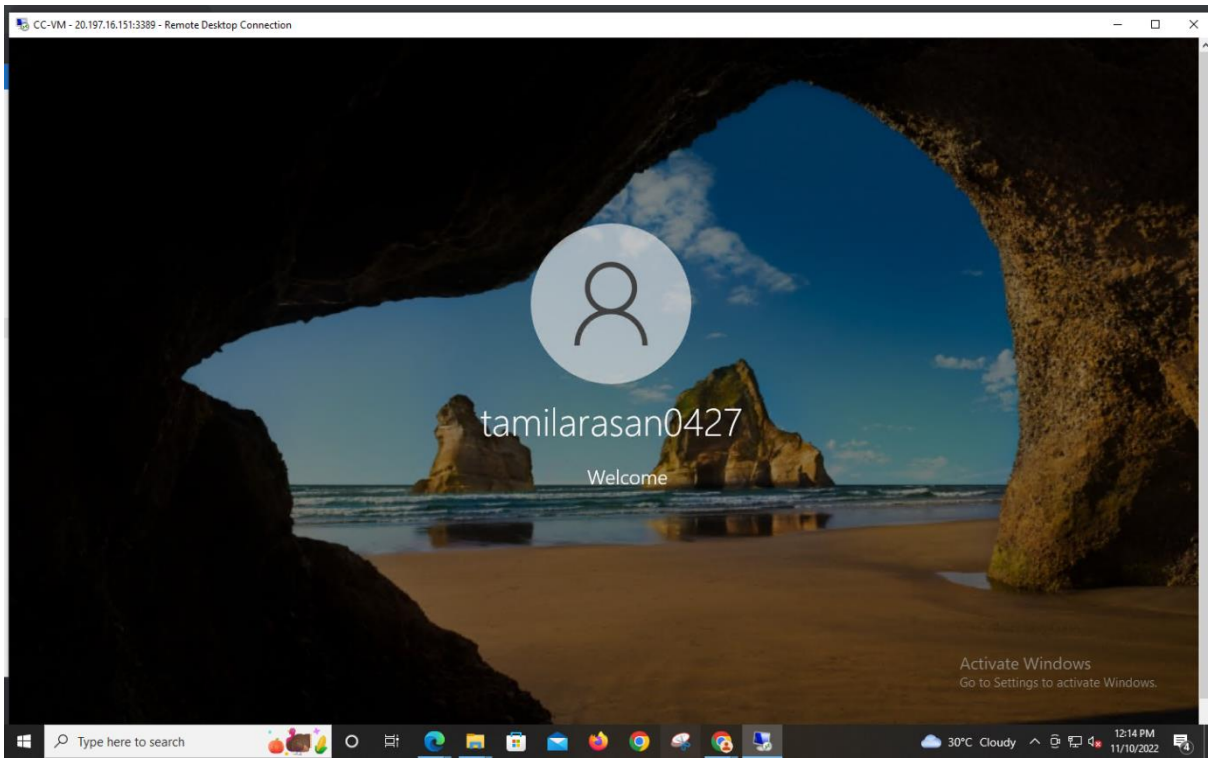
17. Click on “Connect Button”.

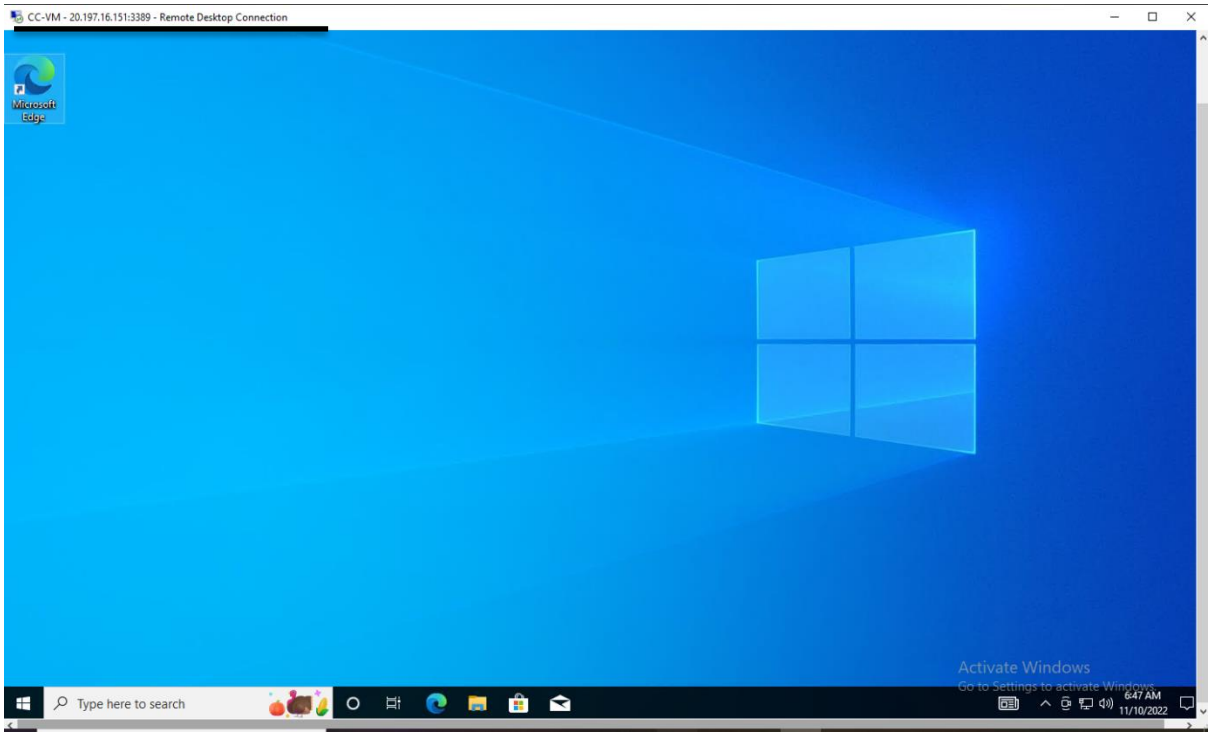


18. Click on “Yes” Button.



19. The process is over windows11 will Boot.

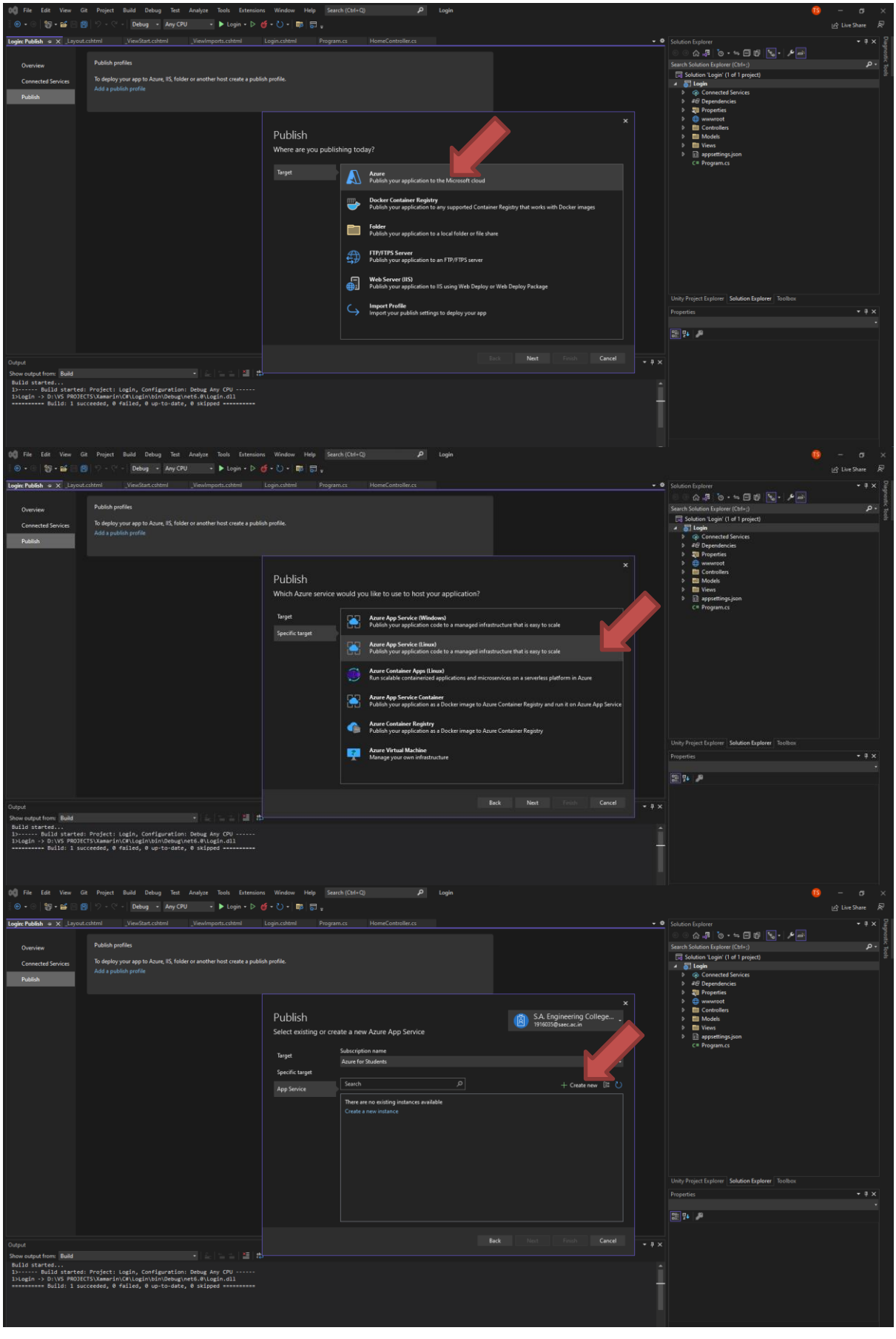


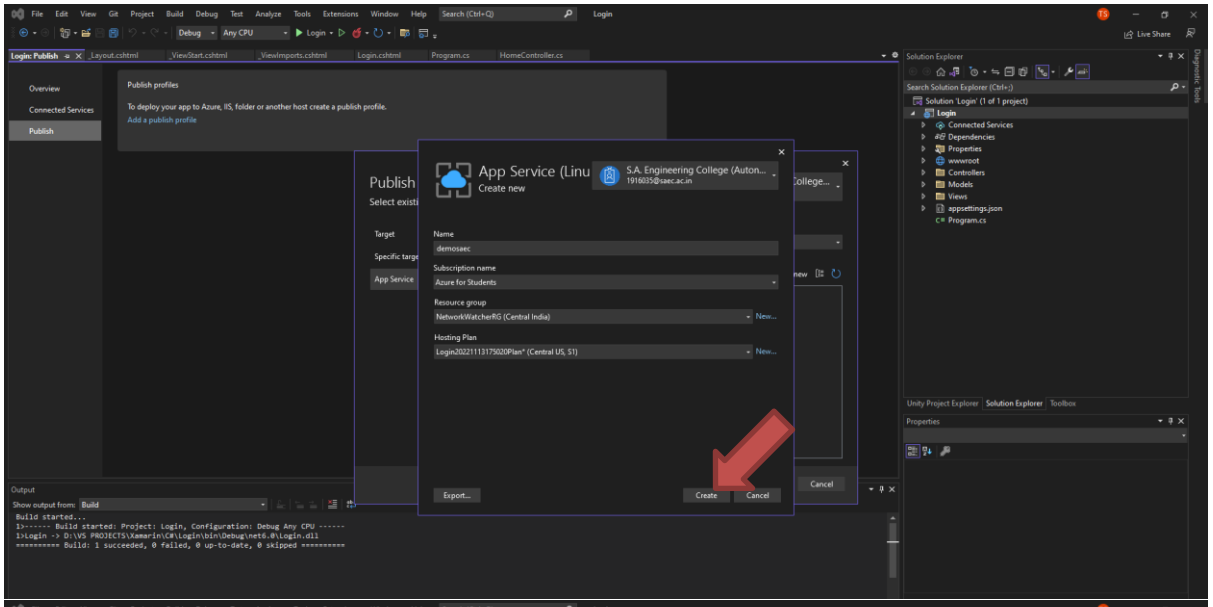


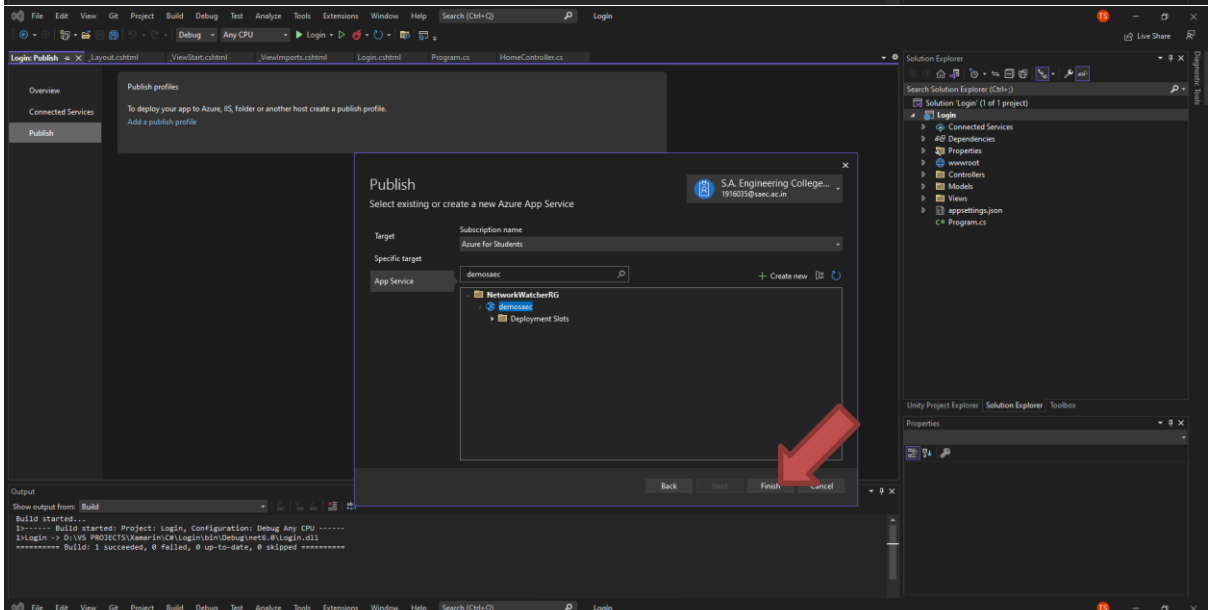
Deploy a website with virtual machines

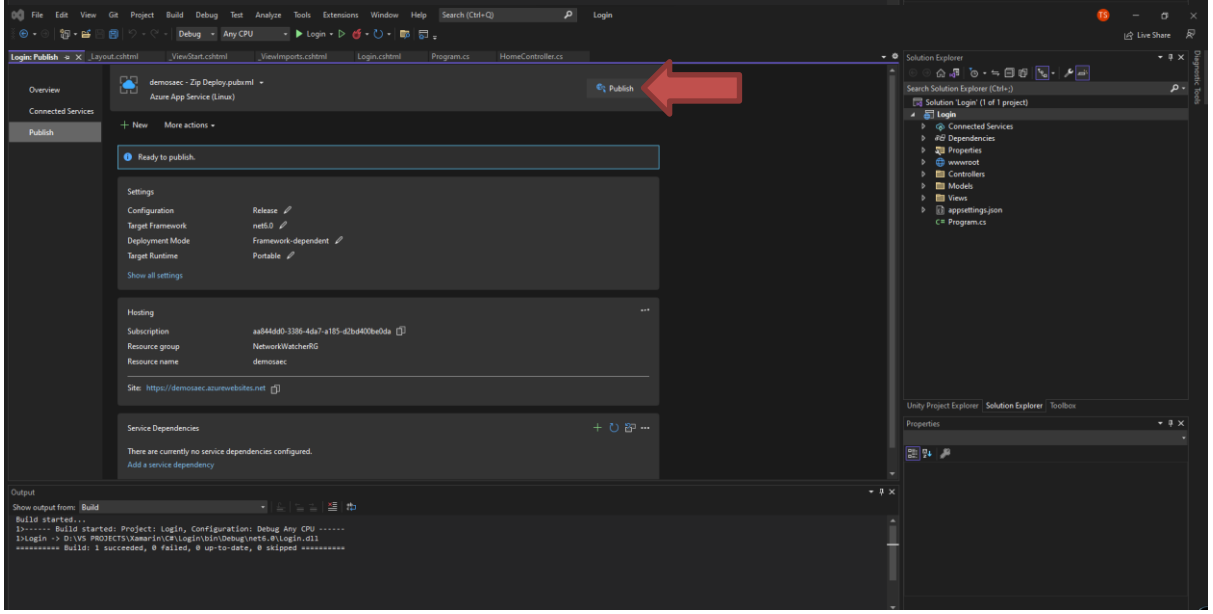
Create asp.net project and add this html for login using visual studio 2022

```
<html>
<head>
<title>LeeZon Login</title>
<link href="css/Bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link href="css/style.css" rel="stylesheet">
<meta name='viewport' content='width=device-width, initial-scale=1'>
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">

</head>
<body class="body">

<div>
  <form class="center" action="/home/index">
<div class="shadow-lg p-5 bg-white rounded">
  <label class="py-2" style="font-weight:500;font-size:xx-large;">Sign
in</label>
<div class="form-group">
<label >UserName</label>
<br>
<input class="form-control" type="text" id="uname" placeholder="Enter
username"/>
<br>
<label>Password</label>
<br>
<input class="form-control" type="password" id="pass" placeholder="Enter
password"/>
<br>
<input type="submit" value="Sign in" onclick="login();"  class="btn btn-
primary mb-4" style="width:100%"/>
</div>

</form>
</div>
<script>
    function login()
    {
        var uname = document.getElementById("uname").value;
        var pass = document.getElementById("pass").value;
        if(uname == "admin" && pass == "admin")
        {
            alert("Success");
        }
        else
        {
             alert("invalid username and password");
        }

    }
</script>
</body></html>
```

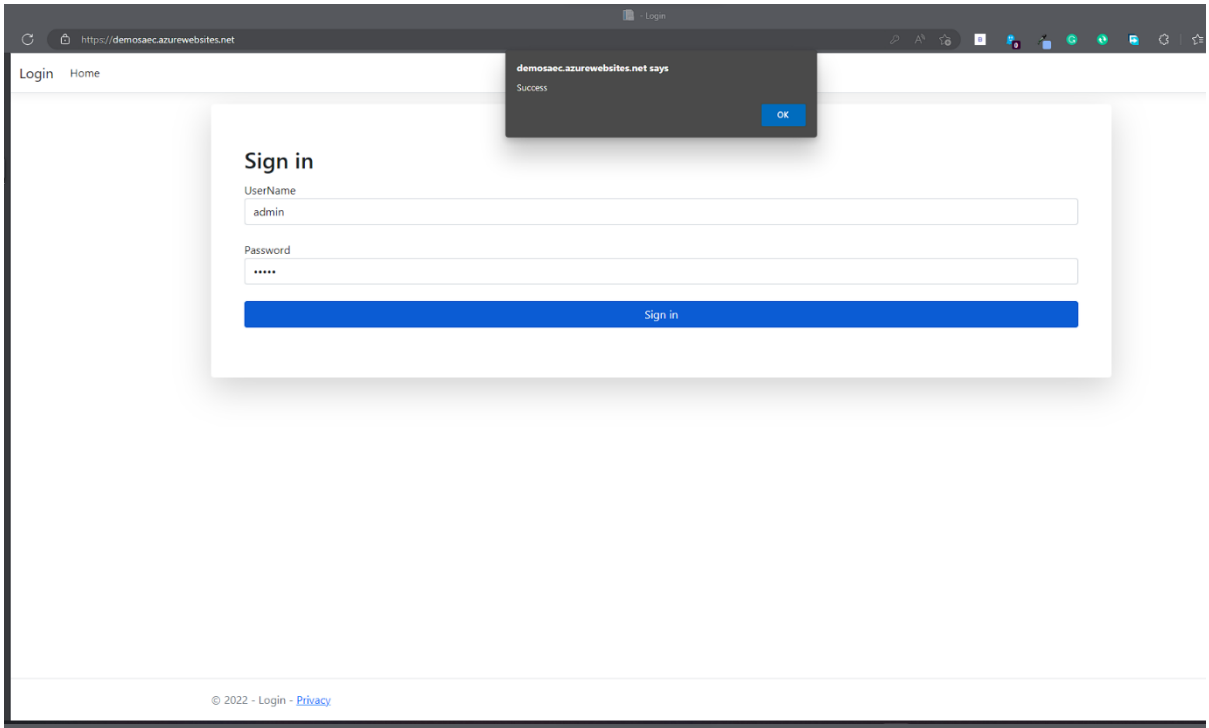

Publish
Where are you publishing today?
Target
Azure
Publish your application to the Microsoft cloud
Docker Container Registry
Publish your application to any supported Container Registry that works with Docker images
Folder
Publish your application to a local folder or file share
FTP/FTPS Server
Publish your application to an FTP/FTPS server
Web Server (IIS)
Publish your application to IIS using Web Deploy or Web Deploy Package
Import Profile
Import your publish settings to deploy your app
Back
Next
Finish
Cancel
Publish
Which Azure service would you like to use to host your application?
Target
Specific target
Azure App Service (Windows)
Publish your application code to a managed infrastructure that is easy to scale
Azure App Service (Linux)
Publish your application code to a managed infrastructure that is easy to scale
Azure Container Apps (Linux)
Run scalable containerized applications and microservices on a serverless platform in Azure
Azure App Service Container
Publish your application as a Docker image to Azure Container Registry and run it on Azure App Service
Azure Container Registry
Publish your application as a Docker image to Azure Container Registry
Azure Virtual Machine
Manage your own infrastructure
Back
Next
Finish
Cancel
Publish
Select existing or create a new Azure App Service
S.A. Engineering College...
19160035@saec.ac.in
Target
Subscription name
Azure for Students
Specific target
App Service
Search
+ Create new
There are no existing instances available
Create a new instance
Back
Next
Finish
Cancel

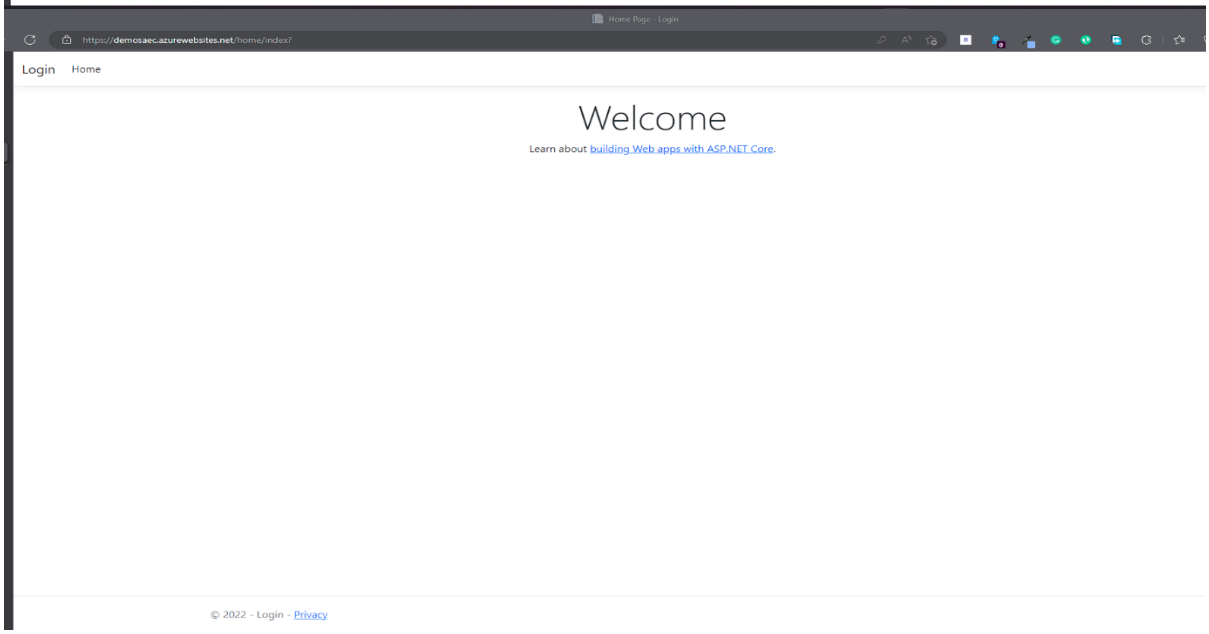

Publish profiles
To deploy your app to Azure, IIS, folder or another host create a publish profile.
Add a publish profile
App Service (Linu
Create new
S.A. Engineering College (Auton...
1916035@saec.ac.in
Name
demosaec
Subscription name
Azure for Students
Resource group
NetworkWatcherRG (Central India)
Hosting Plan
Login20221113175020Plan* (Central US, S1)
Export...
Create
Cancel


Publish profiles
To deploy your app to Azure, IIS, folder or another host create a publish profile.
Add a publish profile
Publish
Select existing or create a new Azure App Service
S.A. Engineering College...
1916035@saec.ac.in
Target
Specific target
App Service
Subscription name
Azure for Students
demosaec
Create new
NetworkWatcherRG
demosaec
Deployment Slots
Back
Next
Finish
Cancel


demosaec - Zip Deploy.pubxml
Azure App Service (Linux)
Publish
New
More actions
Ready to publish.
Settings
Configuration
Release
Target Framework
net6.0
Deployment Mode
Framework-dependent
Target Runtime
Portable
Show all settings
Hosting
Subscription
aa844dd0-3386-4da7-a185-d2bd400be0da
Resource group
NetworkWatcherRG
Resource name
demosaec
Site
https://demosaec.azurewebsites.net
Service Dependencies
There are currently no service dependencies configured.
Add a service dependency

Open chrome and enter the web address https://demosaec.azurewebsites.net/





RESULT:

Thus connect to a virtual desktop and deploy a website with virtual machines using azure cloud executed successfully.