

# FOUNDATION BOOTCAMP SESSION BY - DEBARSHI GOSWAMI

## CREATING A VIRTUAL MACHINE

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Deployment

Search resources, services, and docs (G+)

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsDesktop.Windows-10-win10-20240906100801  
Subscription: RDBI  
Resource group: RDBI  
Start time: 06/09/2024, 10:08:50  
Correlation ID: 21266261-1ac6-47f8-b10f-377b11a76bb4

Deployment details

Resource	Type	Status	Operation details
user79-Shell	Microsoft.Compute/virtualMac...	OK	<a href="#">Operation details</a>
user79-shell391	Microsoft.Network/networkinte...	Created	<a href="#">Operation details</a>
Debarshi	Microsoft.Network/virtualNetw...	OK	<a href="#">Operation details</a>
user79-Shell-ip	Microsoft.Network/publicIpAdd...	OK	<a href="#">Operation details</a>
user79-Shell-nsg	Microsoft.Network/networkSec...	OK	<a href="#">Operation details</a>

Next steps

- Setup auto-shutdown Recommended
- Monitor VM health, performance and network dependencies Recommended
- Run a script inside the virtual machine Recommended

[Go to resource](#) [Create another VM](#)

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Virtual machine

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Tags

Diagnose and solve problems

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Availability + scale

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Backup + disaster recovery

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Automation

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Essentials

Resource group (move) : RDBI

Status : Running

Location : West US 2

Subscription (move) : RDBI

Subscription ID : b6bc3592-0767-4ed1-b34d-24eb40cb6add

Tags (edit) : [Add tags](#)

Operating system : Windows (Windows 10 Pro)

Size : Standard B2s (2 vcpus, 4 GiB memory)

Public IP address : [51.143.44.186](#)

Virtual network/subnet : [Debarshi/default](#)

DNS name : [Not configured](#)

Health state : -

Time created : 06/09/2024, 04:39 UTC

Properties Monitoring Capabilities (8) Recommendations Tutorials

Virtual machine

Computer name : user79-Shell

Operating system : Windows (Windows 10 Pro)

VM generation : V2

VM architecture : x64

Agent status : Ready

Agent version : 2.7.41491.1131

Networking

Public IP address : [51.143.44.186](#) ( Network interface user79-shell391 )

Public IP address (IPv6) : -

Private IP address : 10.3.0.4

Private IP address (IPv6) : -

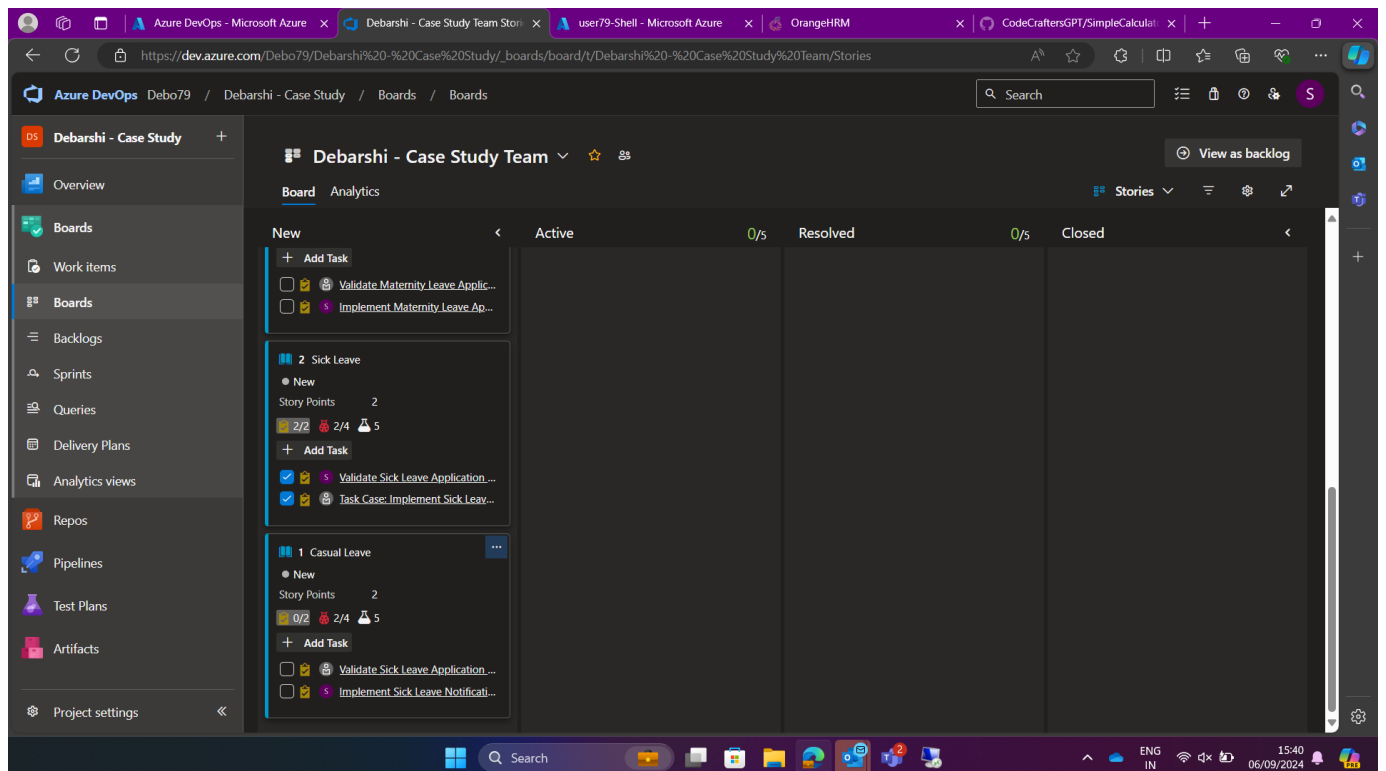
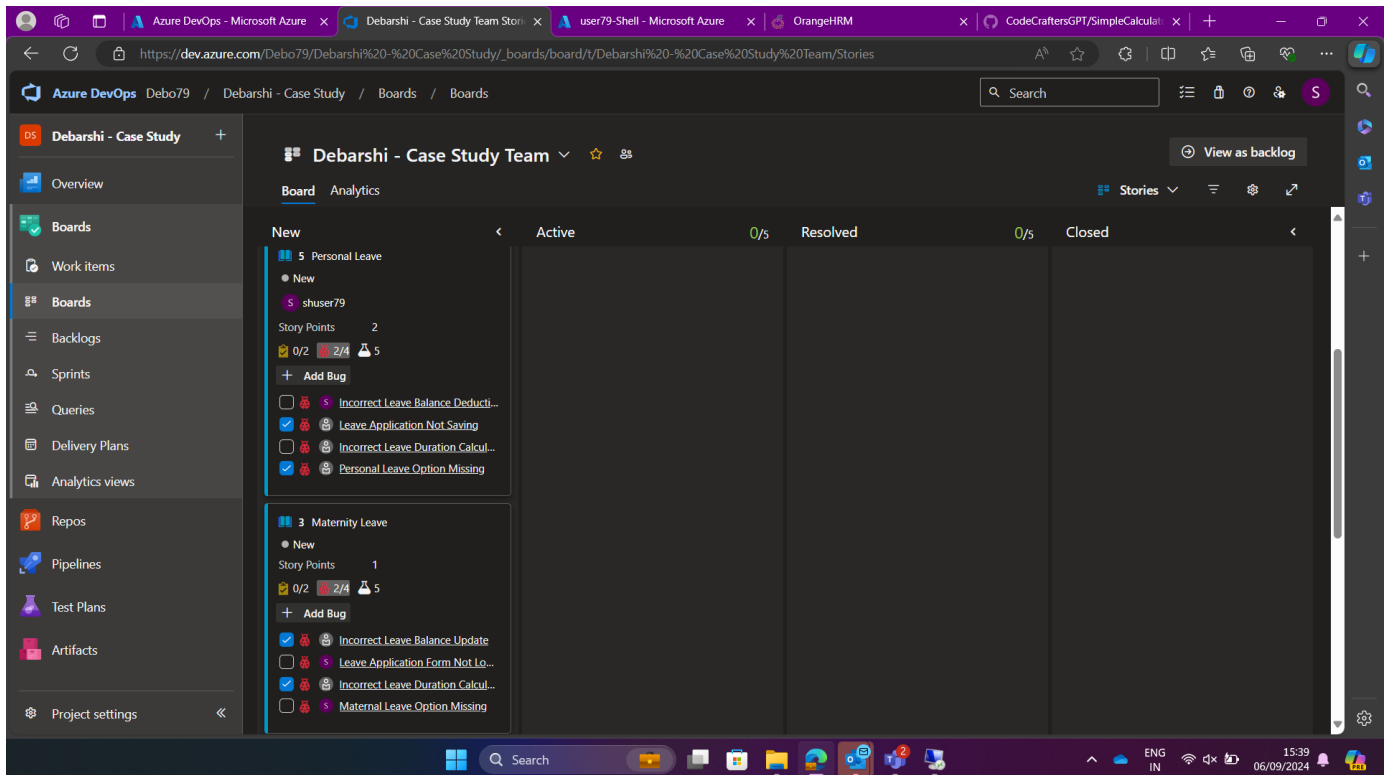
Virtual network/subnet : [Debarshi/default](#)

DNS name : [Configure](#)

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### WORKING ON AZURE DEVOPS



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### WORKING ON GITHUB

This screenshot shows the GitHub repository page for 'casestudy\_0609' by user 'DeboG01'. The repository is public and has 2 branches and 0 tags. The commit history shows a merge pull request #1 from 'DeboG01/adding-files' with 3 commits, dated 79be783, 54 minutes ago. The commit details table lists the following changes:

File	Commit Message	Time
.github/workflows	adding files	1 hour ago
README.md	Initial commit	1 hour ago
calculator.py	adding files	1 hour ago
test_calculator.py	adding files	1 hour ago

The README section displays the repository name 'casestudy\_0609'. The right sidebar contains sections for 'About' (no description), 'Releases' (no releases published), 'Packages' (no packages published), and 'Languages' (Python 100.0%).

This screenshot shows the 'calculator.py' file in the 'casestudy\_0609' repository. The file is 38 lines long, 31 loc, and 1.03 KB. It contains the following Python code:

```
1 # calculator.py
2
3 def add(x, y):
4     """This function adds two numbers"""
5     return x + y
6
7 def subtract(x, y):
8     """This function subtracts two numbers"""
9     return x - y
10
11 def multiply(x, y):
12     """This function multiplies two numbers"""
13     return x * y
14
15 def divide(x, y):
16     """This function divides two numbers"""
17     if y == 0:
18         raise ValueError("Cannot divide by zero!")
19     return x / y
20
21 if __name__ == "__main__":
22     print("Simple Calculator")
23     num1 = float(input("Enter first number: "))
24     num2 = float(input("Enter second number: "))
25
26     print("Operations: 1.Add 2.Subtract 3.Multiply 4.Divide")
27     choice = input("Choose operation (1/2/3/4): ")
28
29     if choice == '1':
30         print(f"{num1} + {num2} = {add(num1, num2)}")
31     elif choice == '2':
32         print(f"{num1} - {num2} = {subtract(num1, num2)}")
33     elif choice == '3':
```

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