

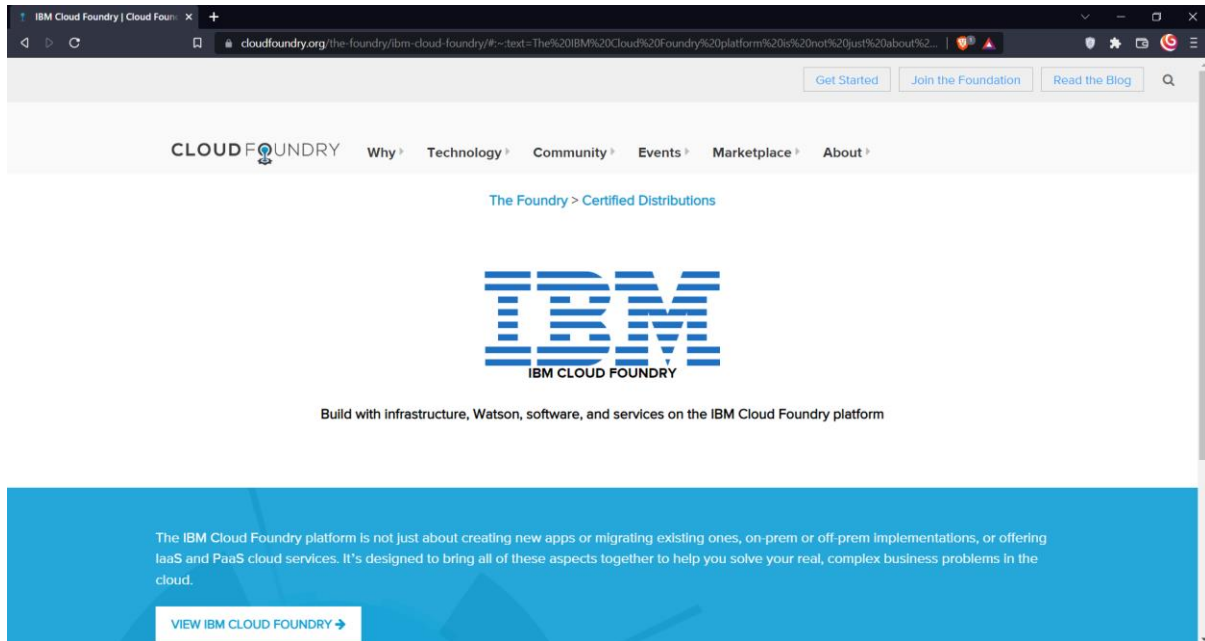
Ex No: 05	Platform as a Service using IBM Cloud Foundry

Aim:

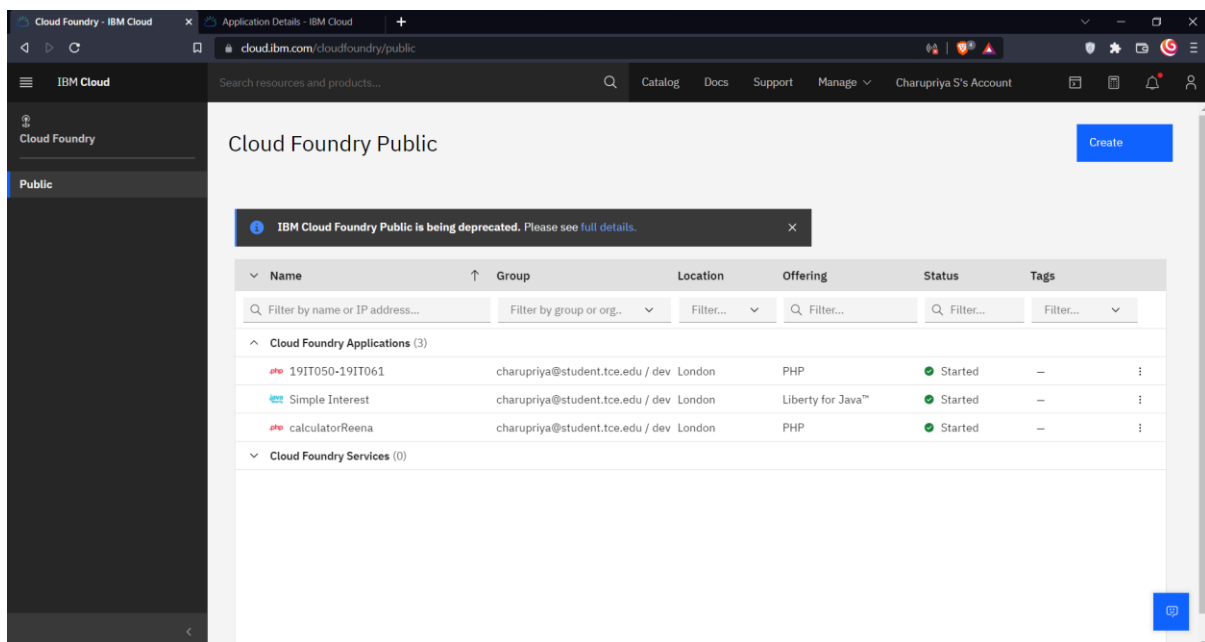
To implement the Platform as a Service using IBM Cloud Foundry by deploying the Web Application.

Procedure:

First you need a IBM cloud account for creating a php application in the cloud foundry



Then click the create resource button to select the cloud foundry application.



Choose application as php and create application by providing the app name

select a runtime

Liberty for Java™ Node.js Community Dotnet Core Community

Go Community PHP Community Python Community

Ruby Community Tomcat Community

App name
19IT117-19IT039

Host name
19IT117-19IT039

Domain
eu-gb.cf.appdomain.cloud

Choose an organization
charupriya@student.tce.edu

Choose a space
dev

Tags

Examples: env:dev, version-1

Summary

Cloud Foundry App Free

Location: London
Plan: Lite
Runtime: PHP
App name: 19IT117-19IT039
Host name: 19IT117-19IT039
Domain: eu-gb.cf.appdomain.cloud
Org: charupriya@student.tce.edu
Space: dev

Create

Add to estimate

View terms

The application will be created and now we can able to view all the details like overview,connections,logs,etc...

Overview → enable continuous delivery

Runtime cost

Current and estimated cost excludes connected services.

\$0.00

Current charges for billing period

\$0.00

Estimated total for billing period
Jun 1, 2022 - Jun 30, 2022

Full details

Connections (0)

No services are connected to this app

Create connection →

Continuous delivery

Continuous delivery is not enabled for this app.

Enable continuous delivery to automate builds, tests, and deployments through the Delivery Pipeline, GitHub, and more.

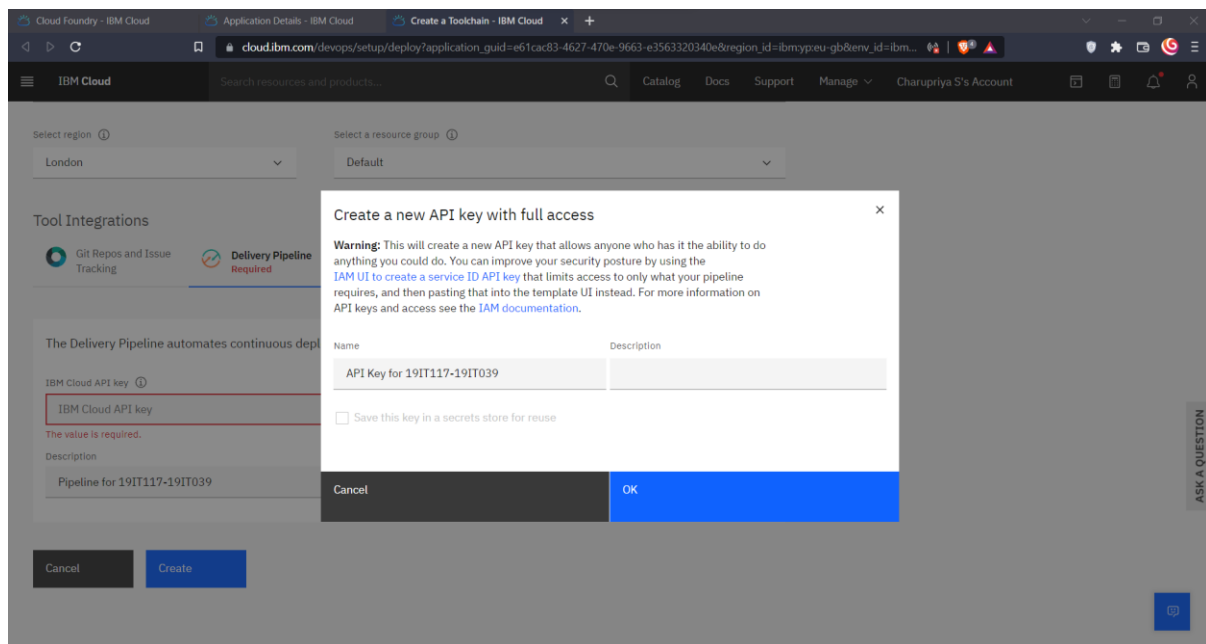
Enable continuous delivery

Activity feed

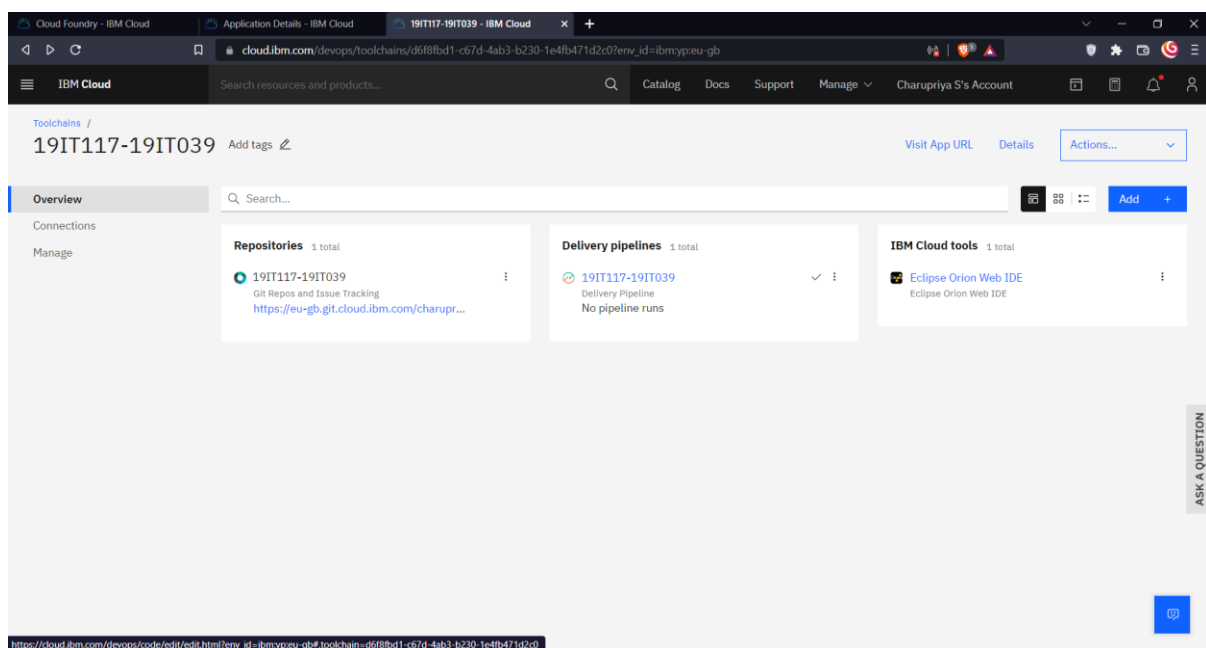
- started 19IT117-19IT039 app
Jun 8, 2022, 12:11:24 PM | charupriya@student.tce.edu
- updated 19IT117-19IT039 app
changed routes
Jun 8, 2022, 12:11:15 PM | charupriya@student.tce.edu
- created 19IT117-19IT039 app
Jun 8, 2022, 12:11:14 PM | charupriya@student.tce.edu

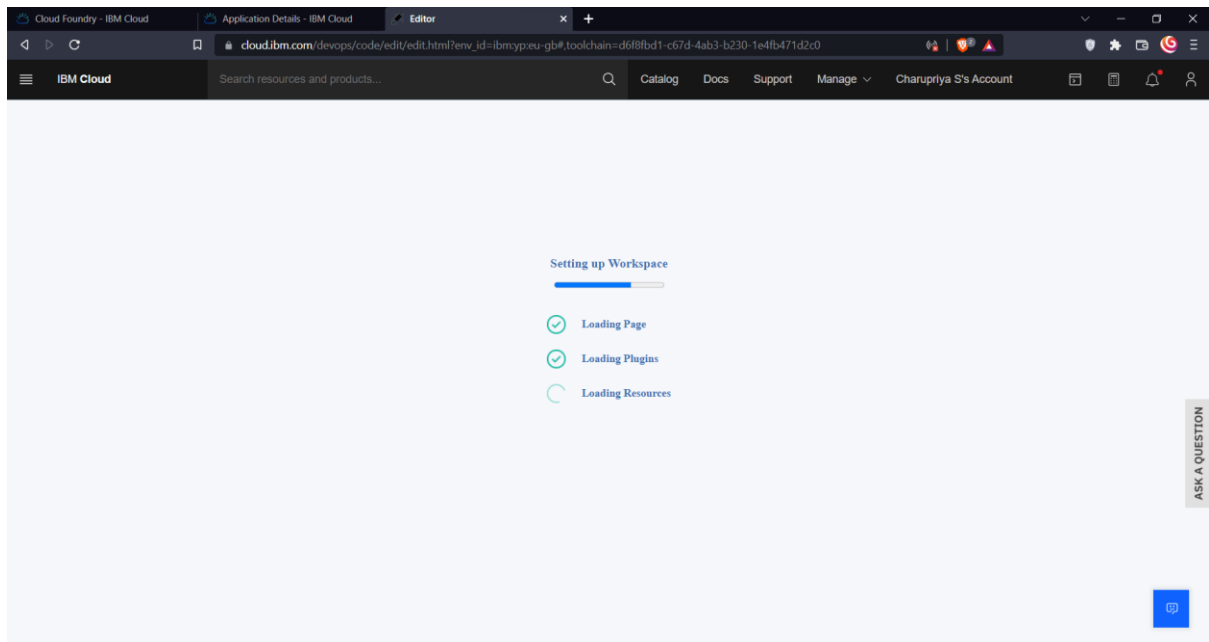
Full details →

In tool integration click delivery pipeline amd create a new API key

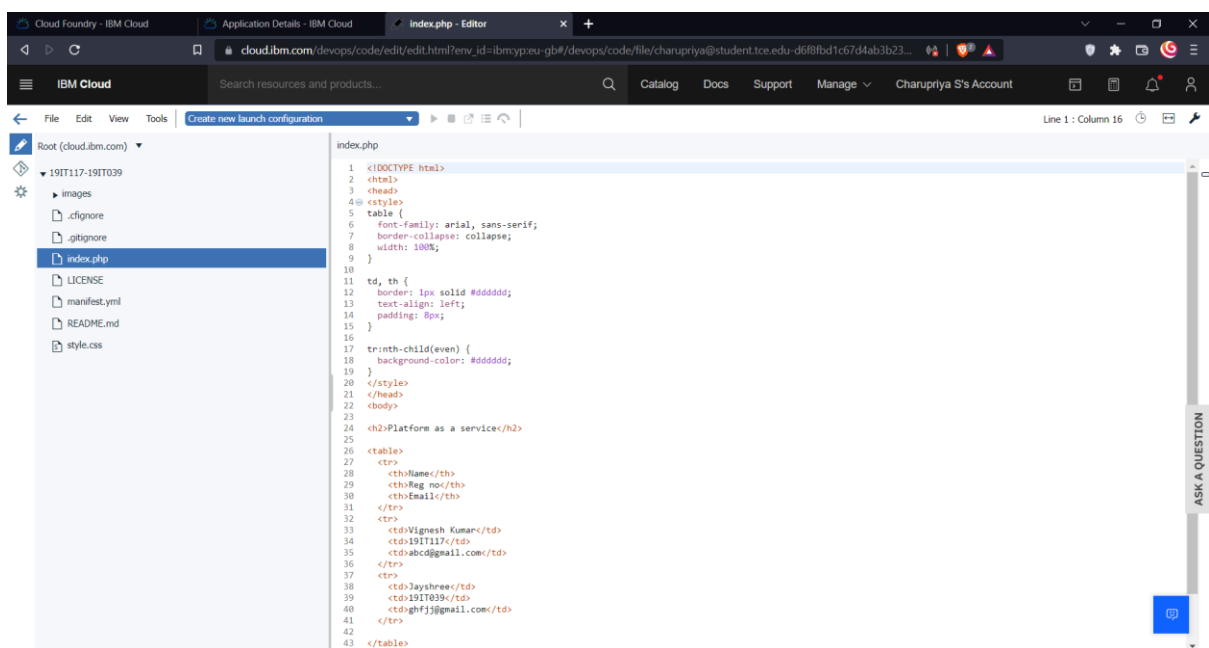


Overview→Eclipse Orion web IDE

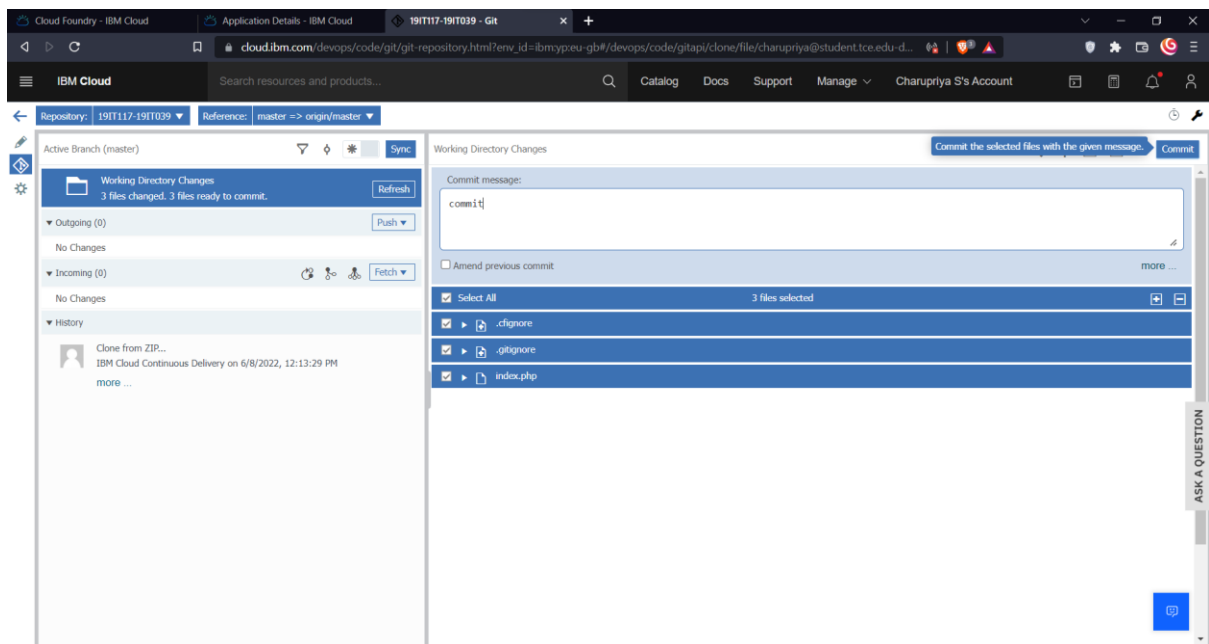




Make an application in the index.php file and give git.

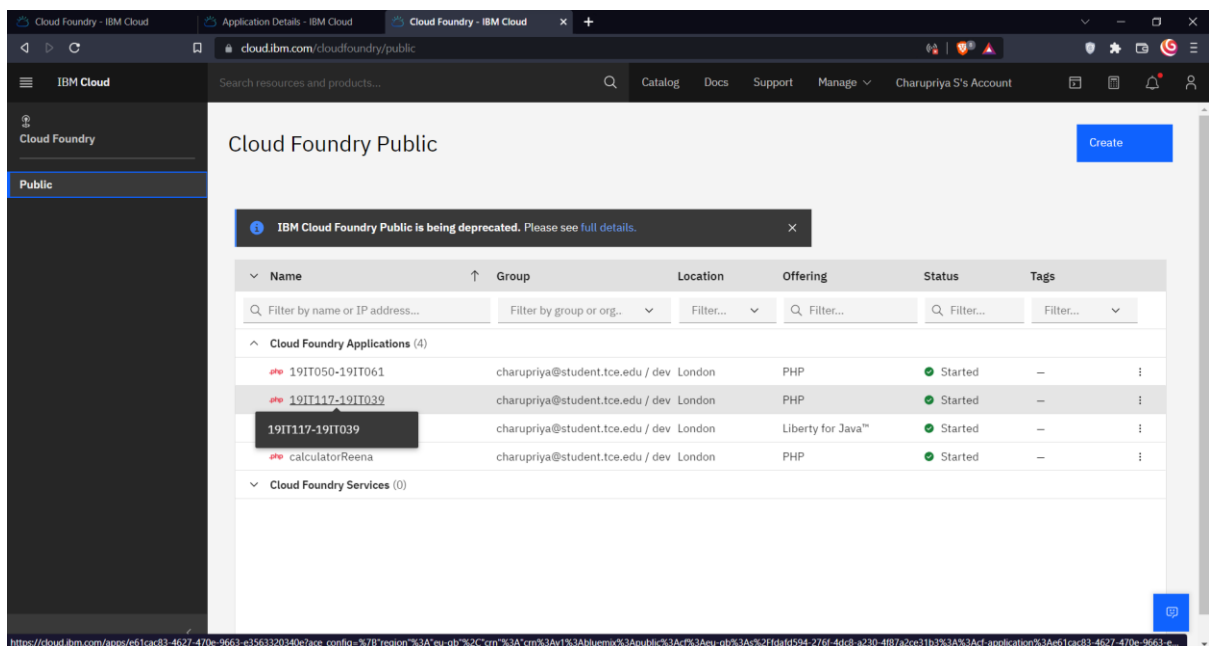


Commit the changes → Push → Sync



Overview → Public

All the cloud foundry applications will be seen



Result:

Thus, the concept of Platform as a Service in IBM Cloud Foundry by deploying Web application is implemented Successfully.