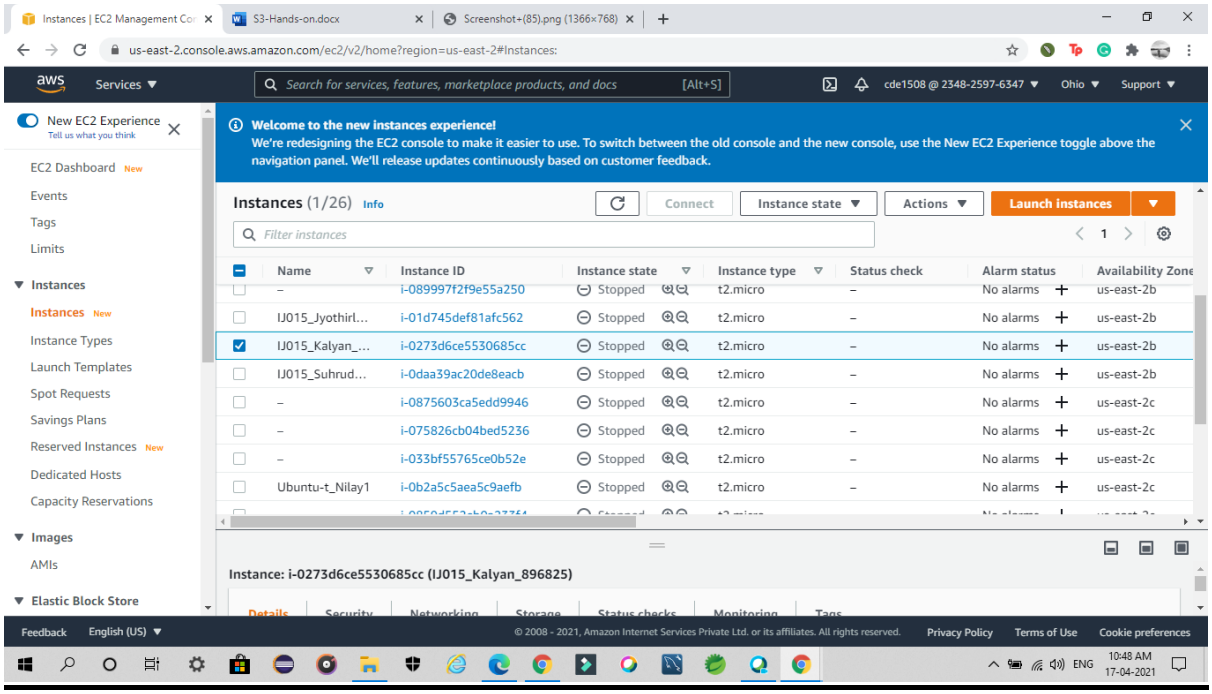
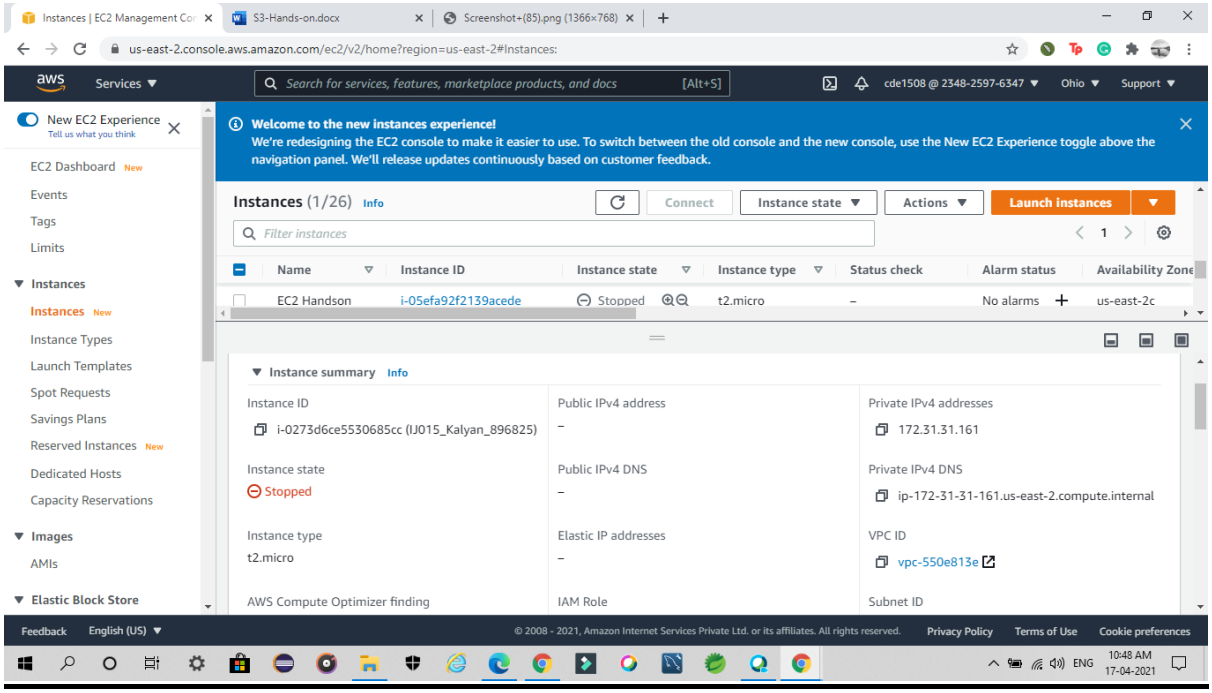
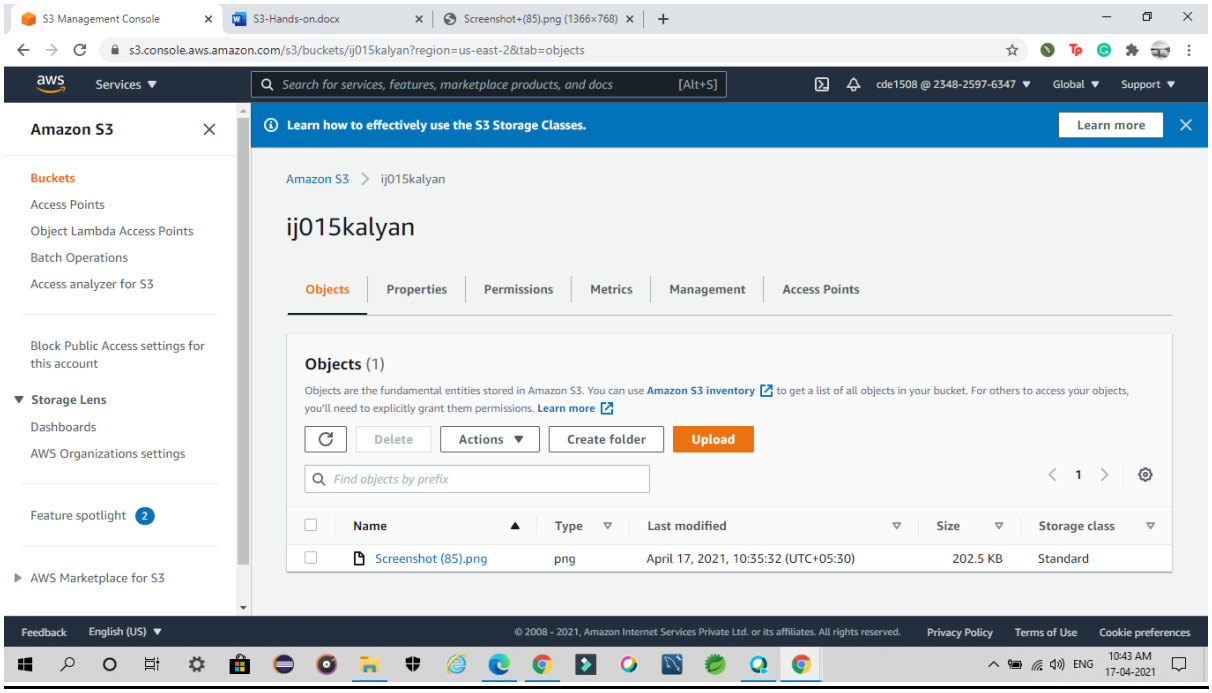
AWS Handson

EC2 Handson

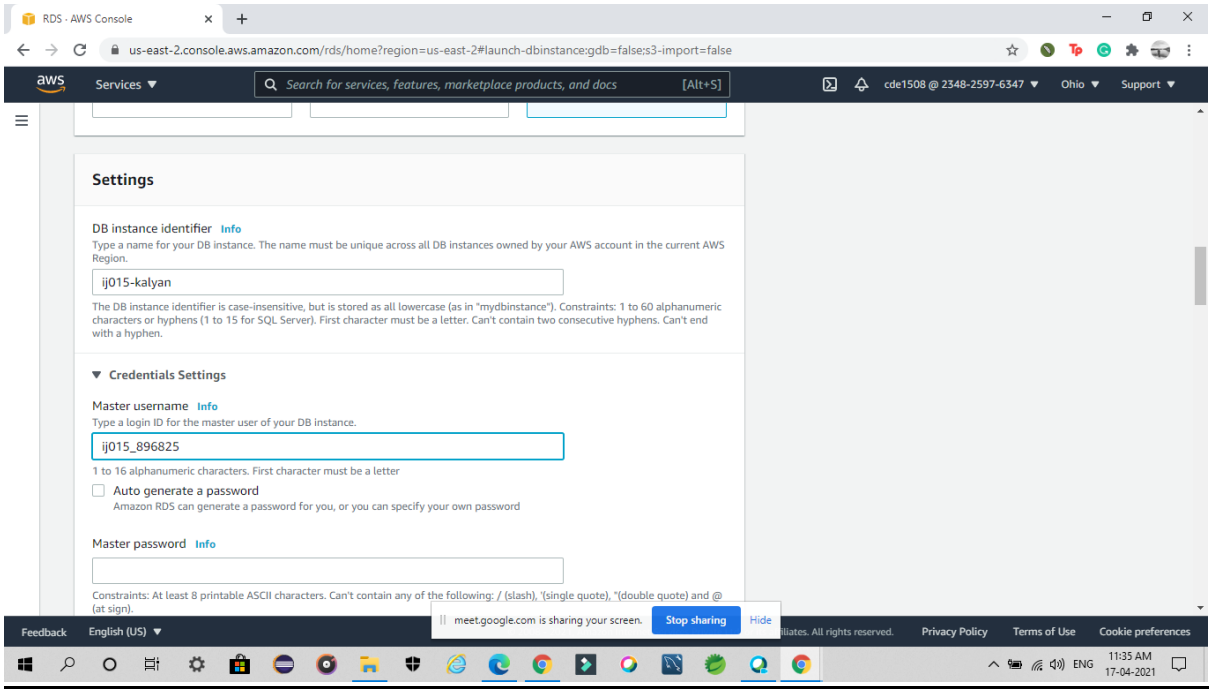


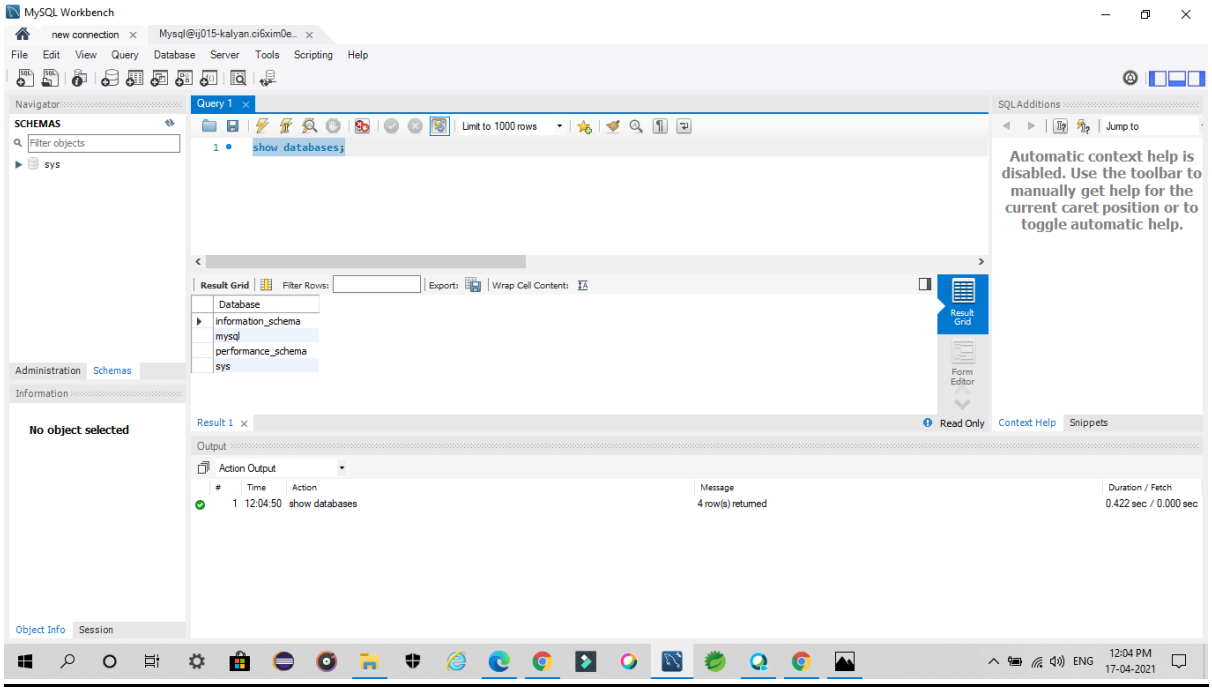


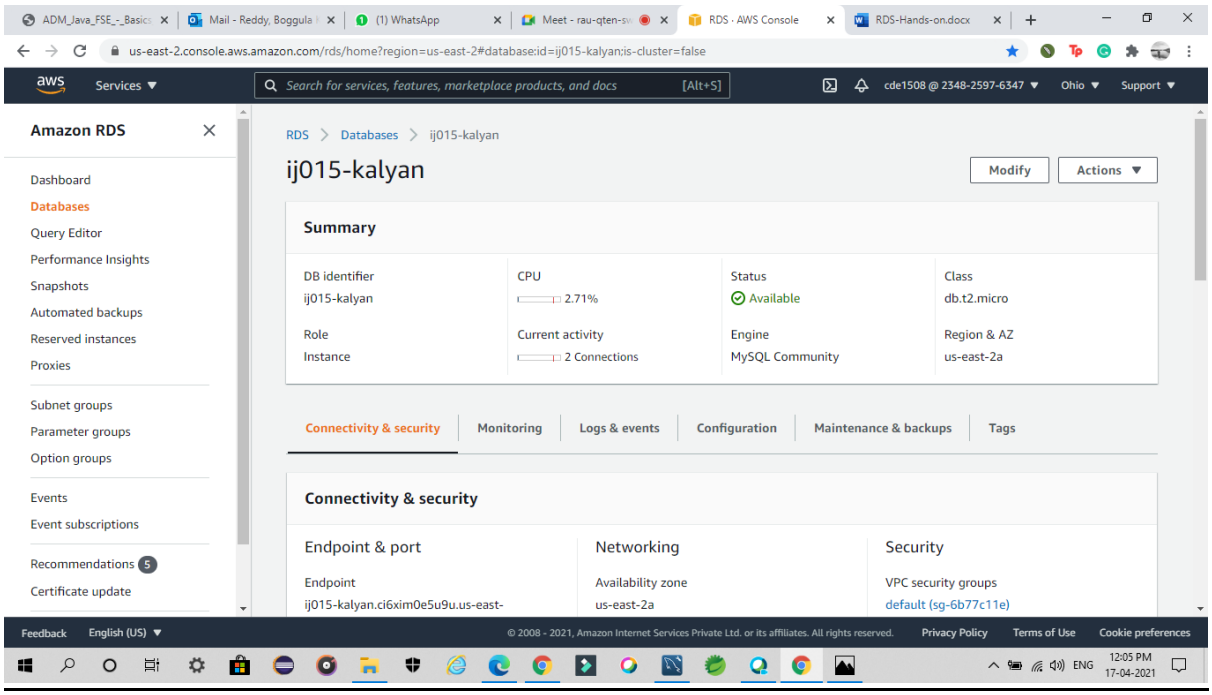
S3 Handson



RDS Handson




MySQL Workbench
new connection
Mysql@ij015-kalyan.ci6xim0e...
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
sys
Query 1
Limit to 1000 rows
1 show databases;
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Database
information_schema
mysql
performance_schema
sys
Administration
Schemas
Information
No object selected
Result 1
Read Only
Context Help
Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 12:04:50 show databases 4 row(s) returned 0.422 sec / 0.000 sec
Object Info
Session
ENG
12:04 PM
17-04-2021


ADM_Java_FSE_-_Basics
Mail - Reddy, Boggula
(1) WhatsApp
RDS - AWS Console
RDS-Hands-on.docx
us-east-2.console.aws.amazon.com/rds/home?region=us-east-2#database:id=ij015-kalyan;is-cluster=false
aws
Services
Search for services, features, marketplace products, and docs [Alt+S]
cde1508 @ 2348-2597-6347
Ohio
Support
Amazon RDS
Dashboard
Databases
Query Editor
Performance Insights
Snapshots
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Events
Event subscriptions
Recommendations 5
Certificate update
RDS > Databases > ij015-kalyan
ij015-kalyan
Modify
Actions
Summary
DB identifier
ij015-kalyan
CPU
2.71%
Status
Available
Class
db.t2.micro
Role
Instance
Current activity
2 Connections
Engine
MySQL Community
Region & AZ
us-east-2a
Connectivity & security
Monitoring
Logs & events
Configuration
Maintenance & backups
Tags
Connectivity & security
Endpoint & port
Endpoint
ij015-kalyan.ci6xim0e5u9u.us-east-
Networking
Availability zone
us-east-2a
Security
VPC security groups
default (sg-6b77c11e)
Feedback
English (US)
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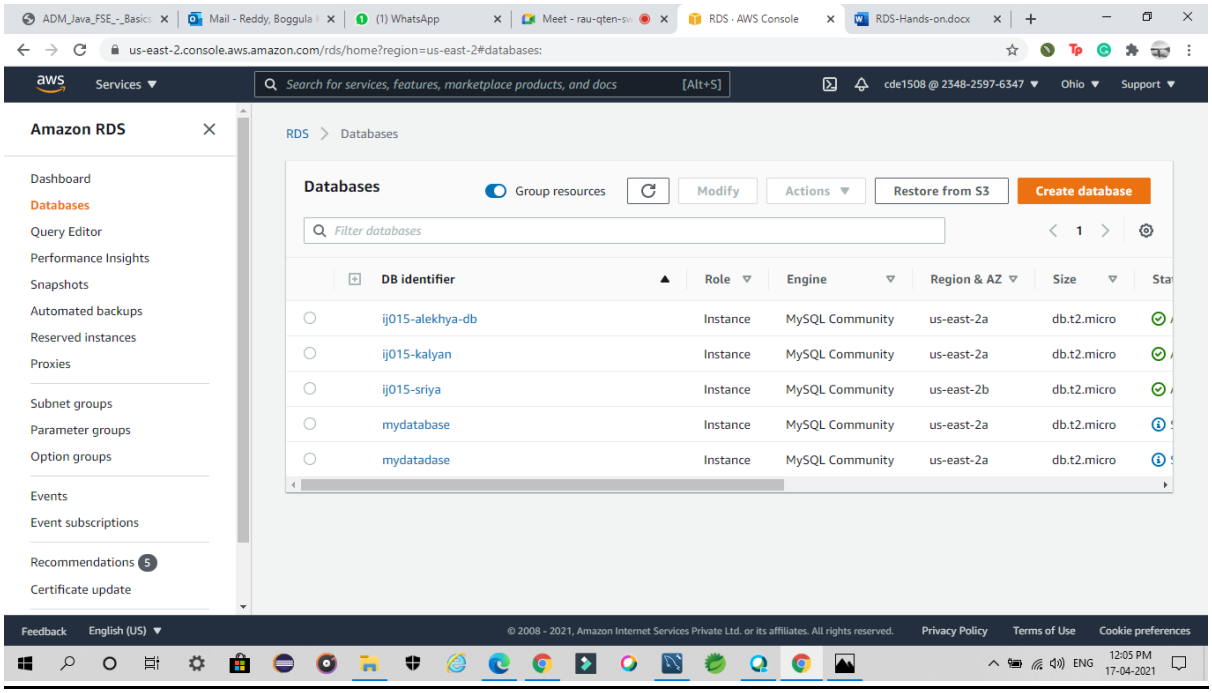
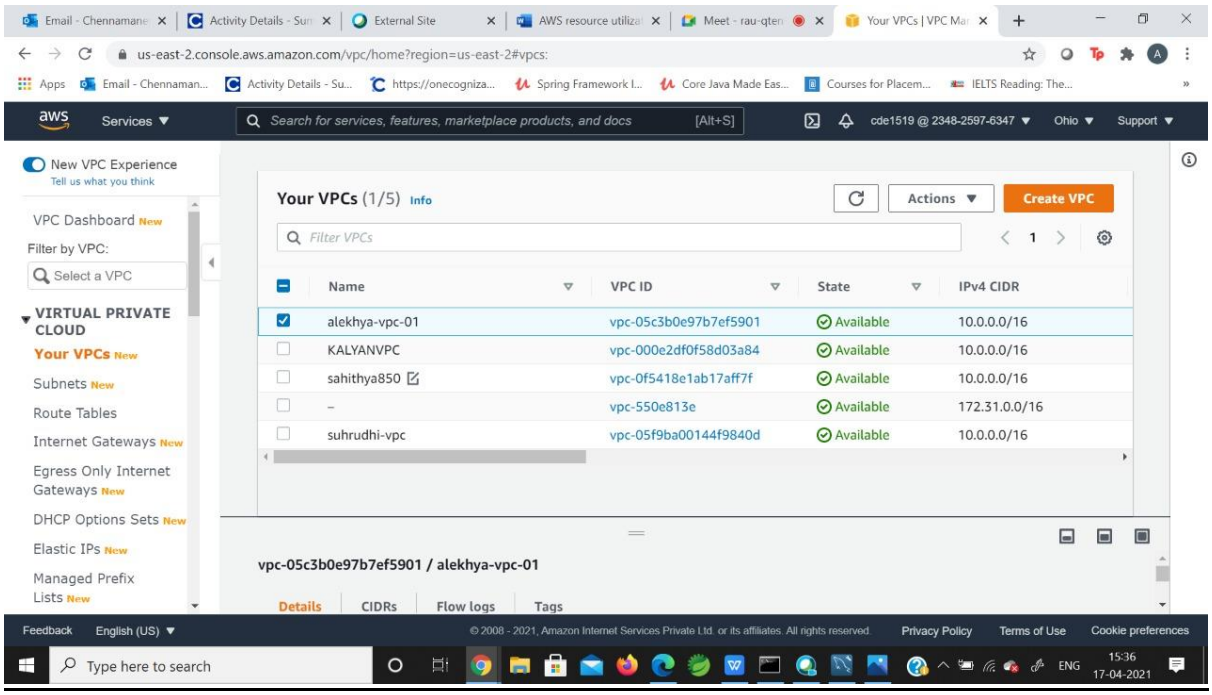
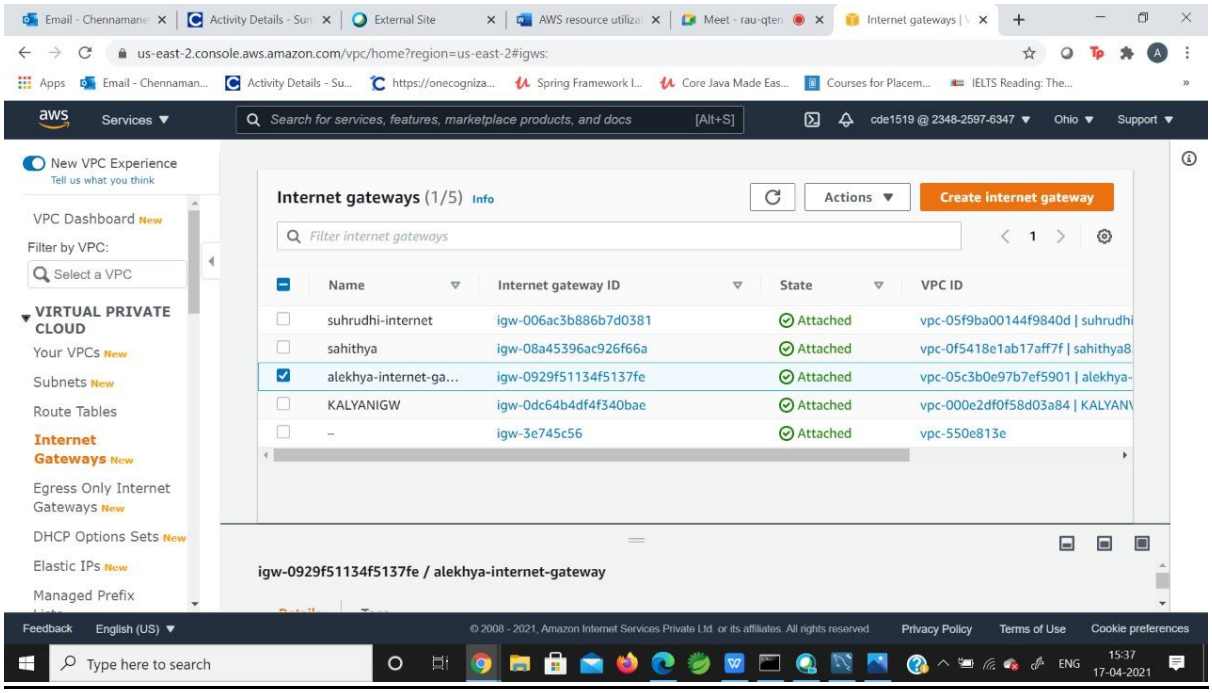
Privacy Policy
Terms of Use
Cookie preferences
ENG
12:05 PM
17-04-2021

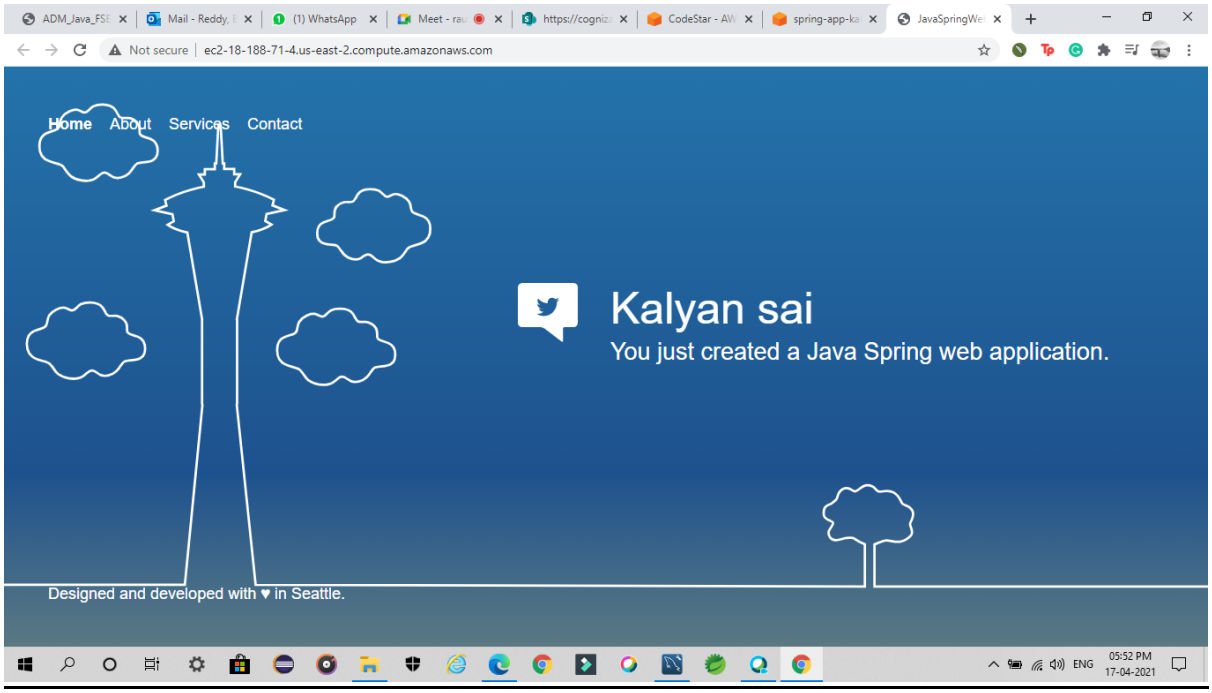


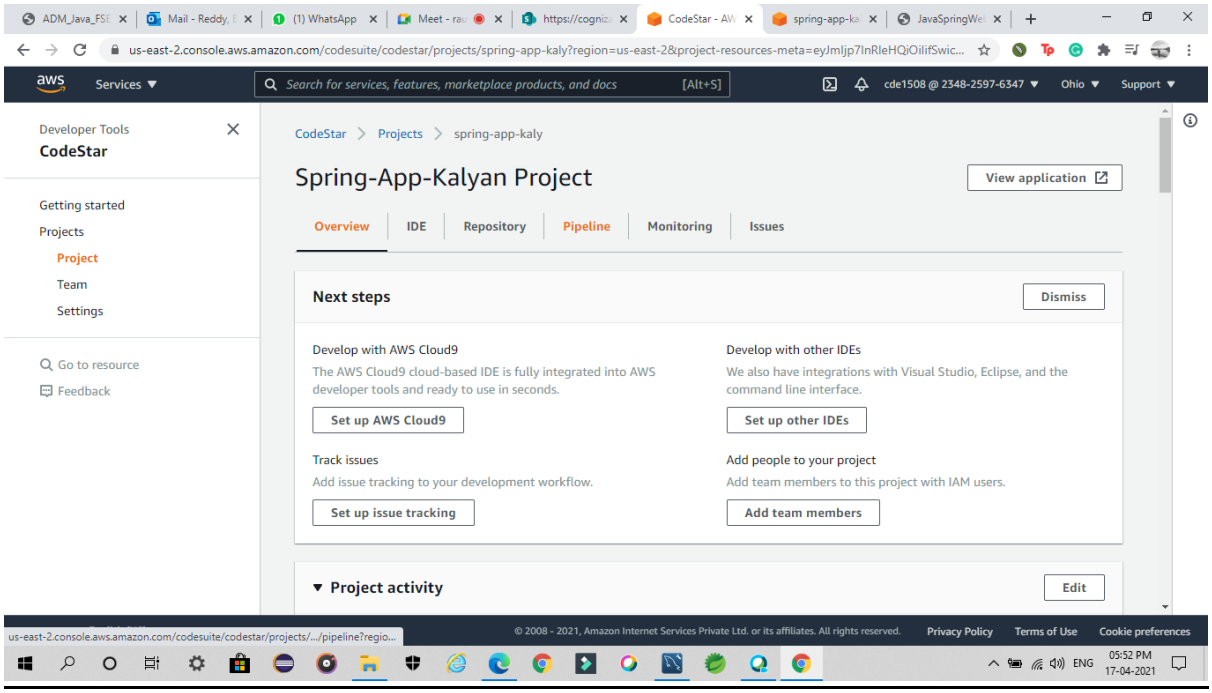
AWS Lab Handson Practice

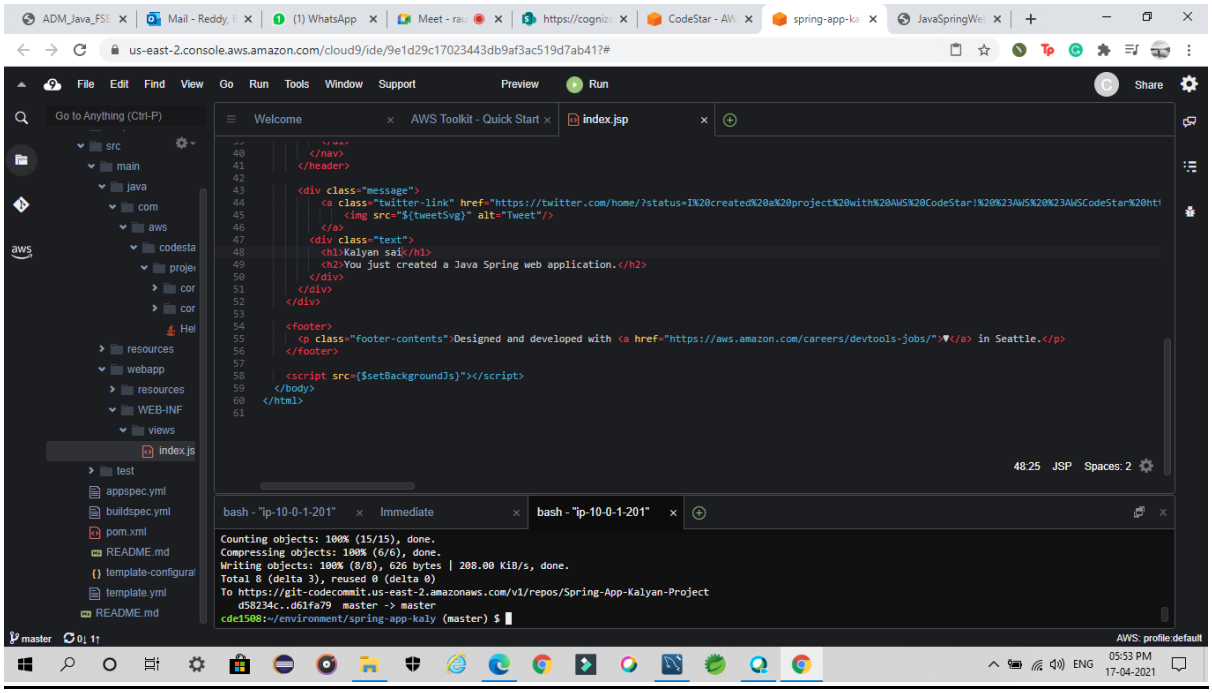



Internet gateways (1/5) Info
Actions
Create internet gateway
Filter internet gateways
Name
Internet gateway ID
State
VPC ID
suhrudhi-internet
igw-006ac3b886b7d0381
Attached
sahithya
igw-08a45396ac926f66a
Attached
alekhya-internet-ga...
igw-0929f51134f5137fe
Attached
KALYANIGW
igw-0dc64b4df4f340bae
Attached
igw-3e745c56
Attached
vpc-550e813e
igw-0929f51134f5137fe / alekhya-internet-gateway
VIRTUAL PRIVATE CLOUD
Your VPCs New
Subnets New
Route Tables
Internet Gateways New
Egress Only Internet Gateways New
DHCP Options Sets New
Elastic IPs New
Managed Prefix
VPC Dashboard New
Filter by VPC:
Select a VPC
New VPC Experience
Tell us what you think

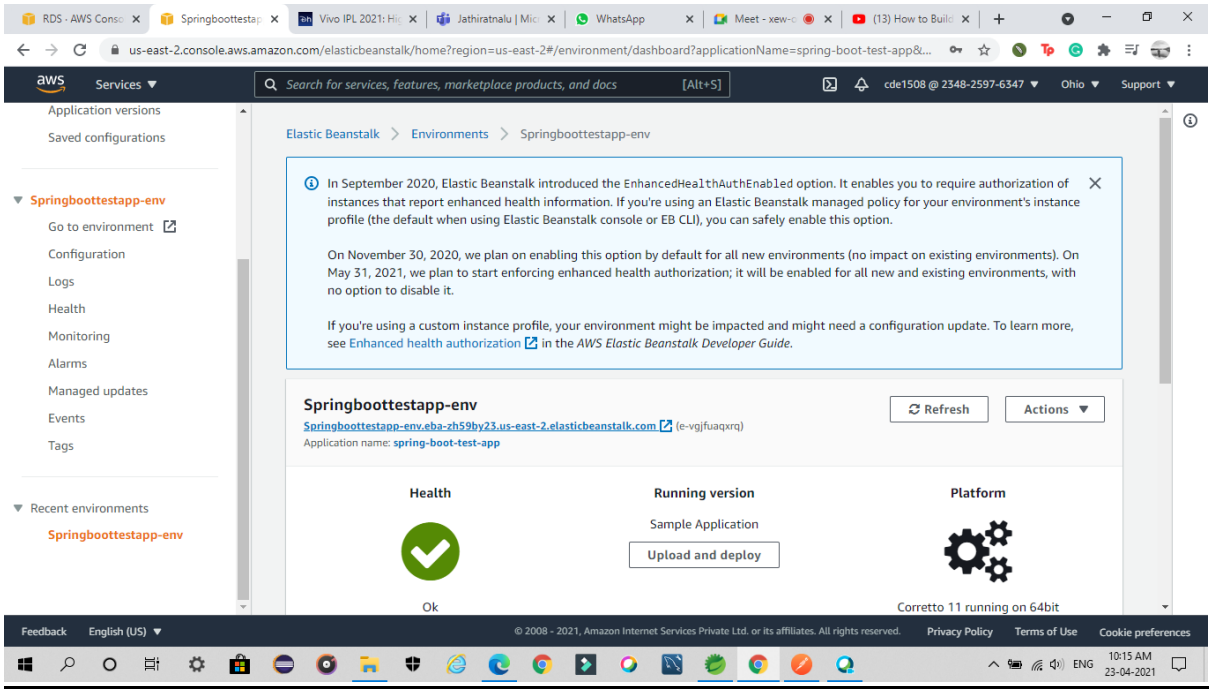
CI-CD Lab

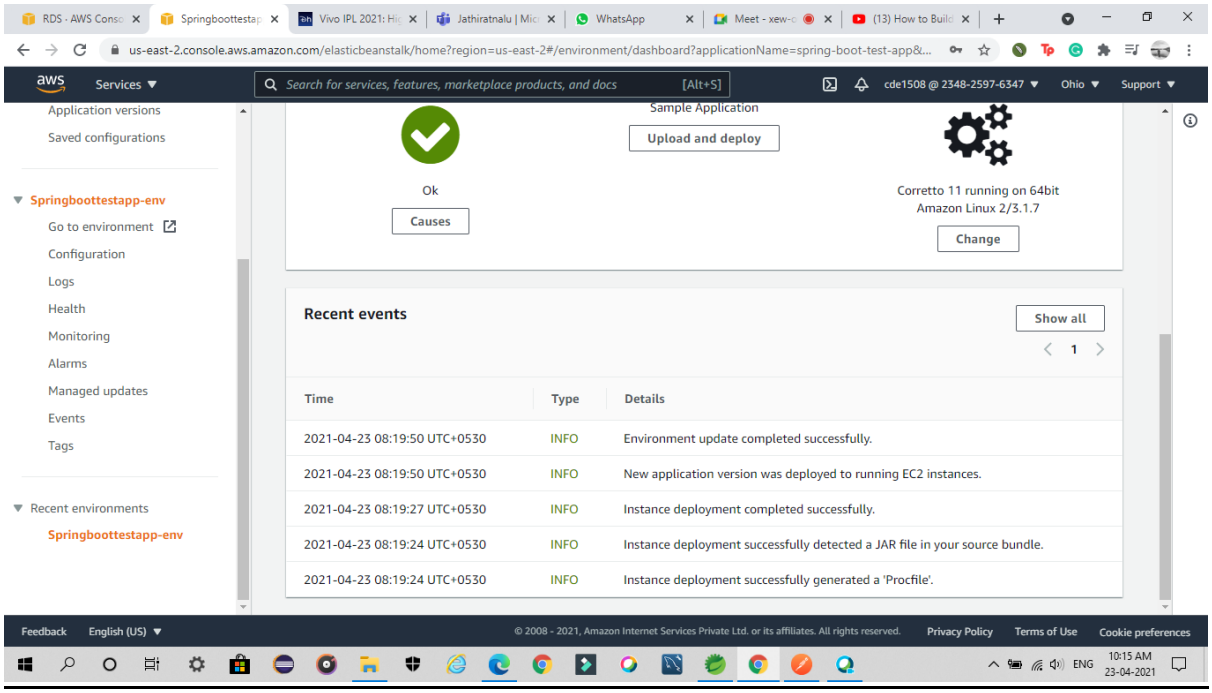

Home
About
Services
Contact
Kalyan sai
You just created a Java Spring web application.
Designed and developed with ♥ in Seattle.

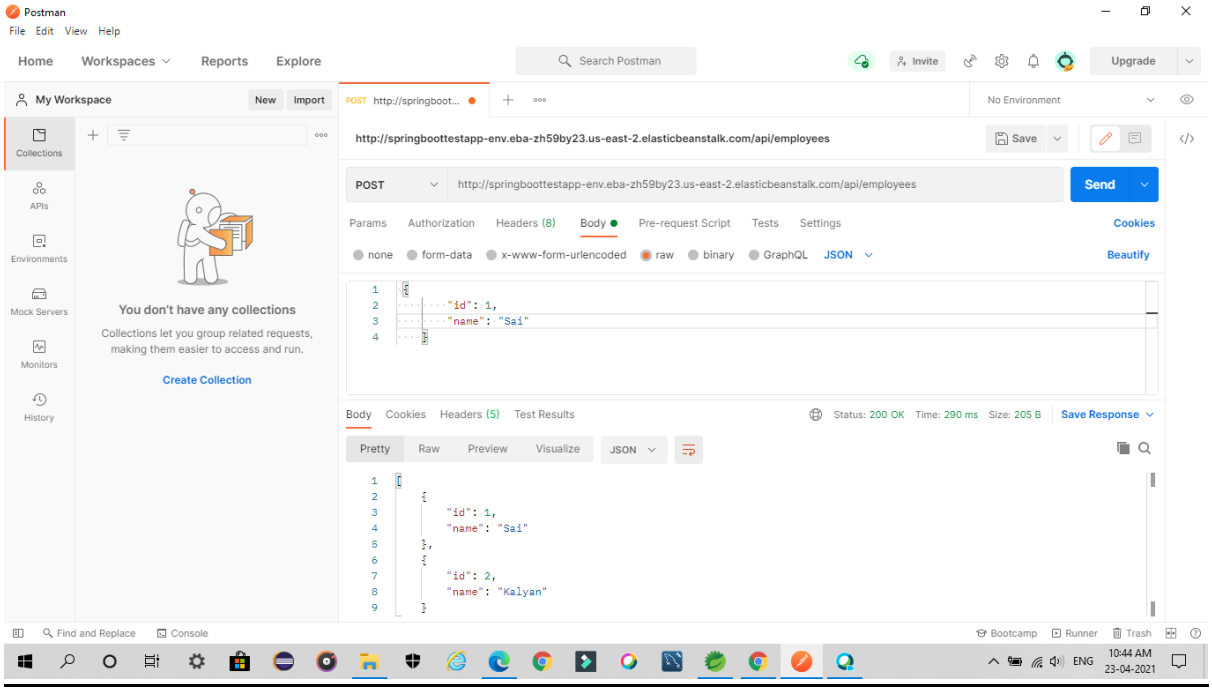

Developer Tools
CodeStar
Getting started
Projects
Project
Team
Settings
Go to resource
Feedback
CodeStar > Projects > spring-app-kaly
Spring-App-Kalyan Project
View application
Overview
IDE
Repository
Pipeline
Monitoring
Issues
Next steps
Dismiss
Develop with AWS Cloud9
The AWS Cloud9 cloud-based IDE is fully integrated into AWS developer tools and ready to use in seconds.
Set up AWS Cloud9
Develop with other IDEs
We also have integrations with Visual Studio, Eclipse, and the command line interface.
Set up other IDEs
Track issues
Add issue tracking to your development workflow.
Set up issue tracking
Add people to your project
Add team members to this project with IAM users.
Add team members
Project activity
Edit
© 2008 - 2021, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use
Cookie preferences

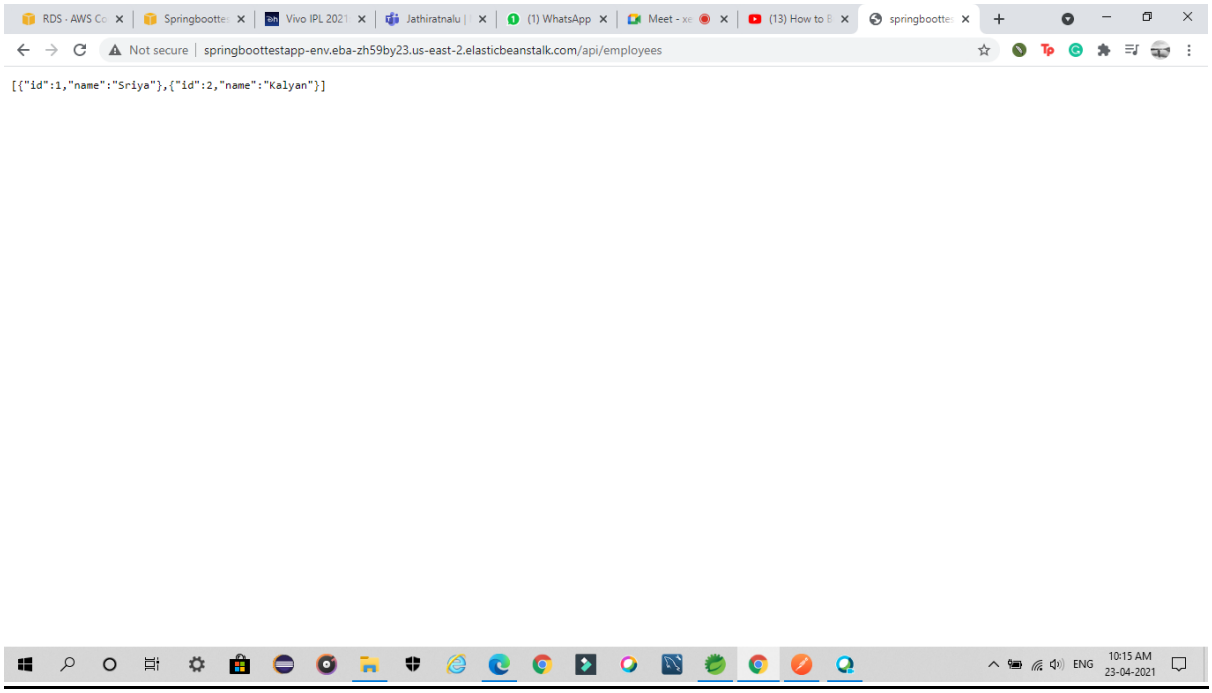

File Edit Find View Go Run Tools Window Support
Preview
Run
Share
Welcome
AWS Toolkit - Quick Start
index.jsp
Kalyan sai
You just created a Java Spring web application.
Designed and developed with in Seattle.
48:25 JSP Spaces: 2
bash - "ip-10-0-1-201"
Immediate
Counting objects: 100% (15/15), done.
Compressing objects: 100% (6/6), done.
Writing objects: 100% (8/8), 626 bytes | 208.00 KiB/s, done.
Total 8 (delta 3), reused 0 (delta 0)
To https://git-codecommit.us-east-2.amazonaws.com/v1/repos/Spring-App-Kalyan-Project
d58234c..d61fa79 master -> master
cde1508:~/environment/spring-app-kaly (master) $
AWS: profile:default

Spring Rest with RDS Backend:

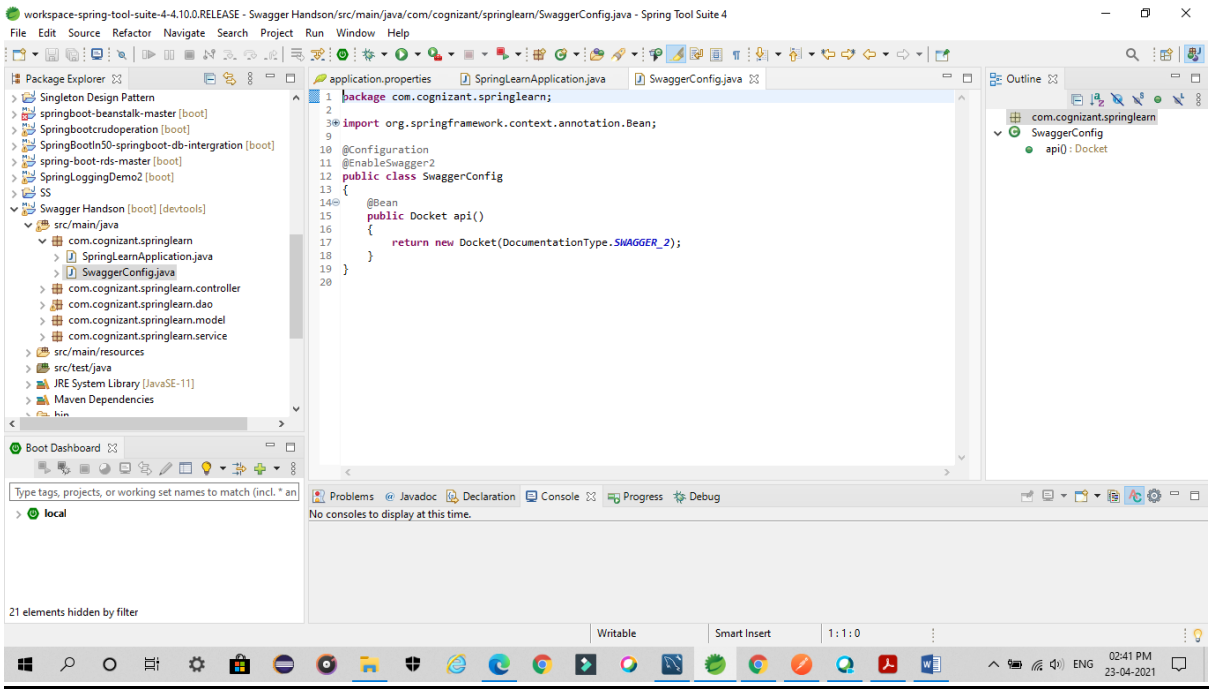


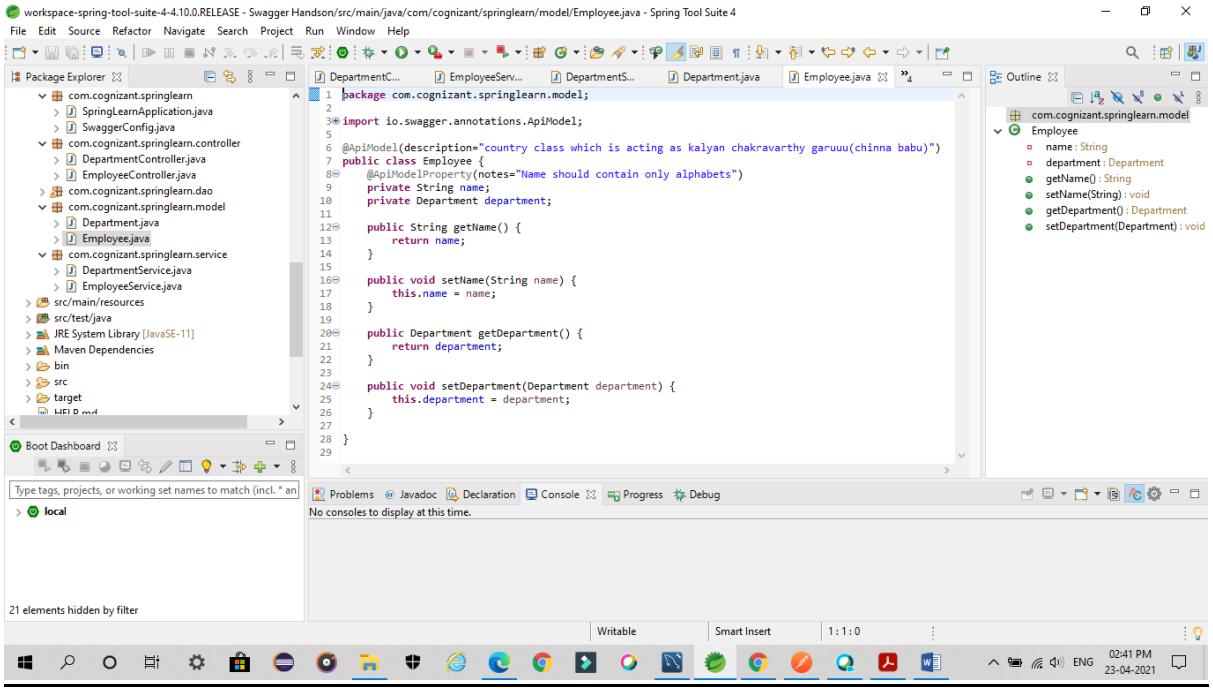


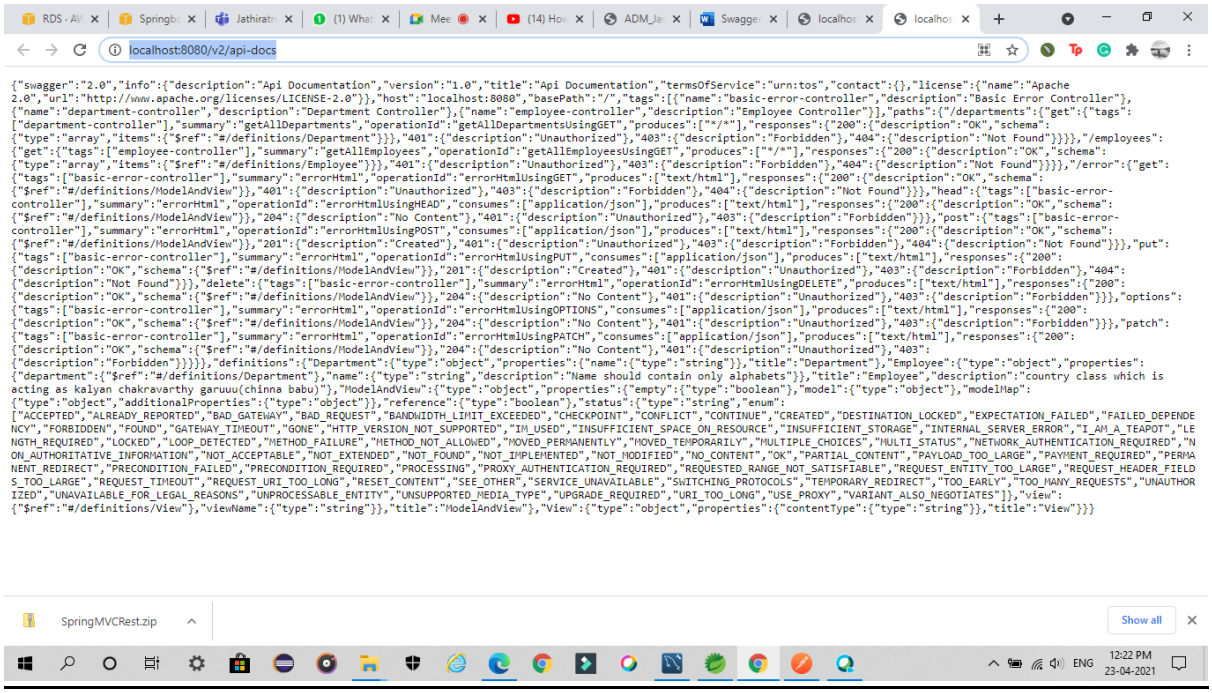

Postman
File Edit View Help
Home Workspaces Reports Explore
Search Postman
Invite
Upgrade
My Workspace
New Import
POST http://springboot...
No Environment
Collections
APIs
Environments
Mock Servers
Monitors
History
You don't have any collections
Collections let you group related requests, making them easier to access and run.
Create Collection
http://springboottestapp-env.eba-zh59by23.us-east-2.elasticbeanstalk.com/api/employees
Save
POST
http://springboottestapp-env.eba-zh59by23.us-east-2.elasticbeanstalk.com/api/employees
Send
Params Authorization Headers (8) Body Pre-request Script Tests Settings
Cookies
none form-data x-www-form-urlencoded raw binary GraphQL JSON
Beautify
{
"id": 1,
"name": "Sai"
}
Body Cookies Headers (5) Test Results
Status: 200 OK Time: 290 ms Size: 205 B
Save Response
Pretty Raw Preview Visualize JSON
[
{
"id": 1,
"name": "Sai"
},
{
"id": 2,
"name": "Kalyan"
}
]
Find and Replace
Console
Bootcamp
Runner
Trash
ENG
10:44 AM
23-04-2021


RDS - AWS Co
Springbootte
Vivo IPL 2021
Jathiratnalu |
(1) WhatsApp
Meet - xe
(13) How to B
springbootte
Not secure
springboottestapp-env.eba-zh59by23.us-east-2.elasticbeanstalk.com/api/employees
[{"id":1,"name":"Sriya"},{"id":2,"name":"Kalyan"}]
ENG
10:15 AM
23-04-2021

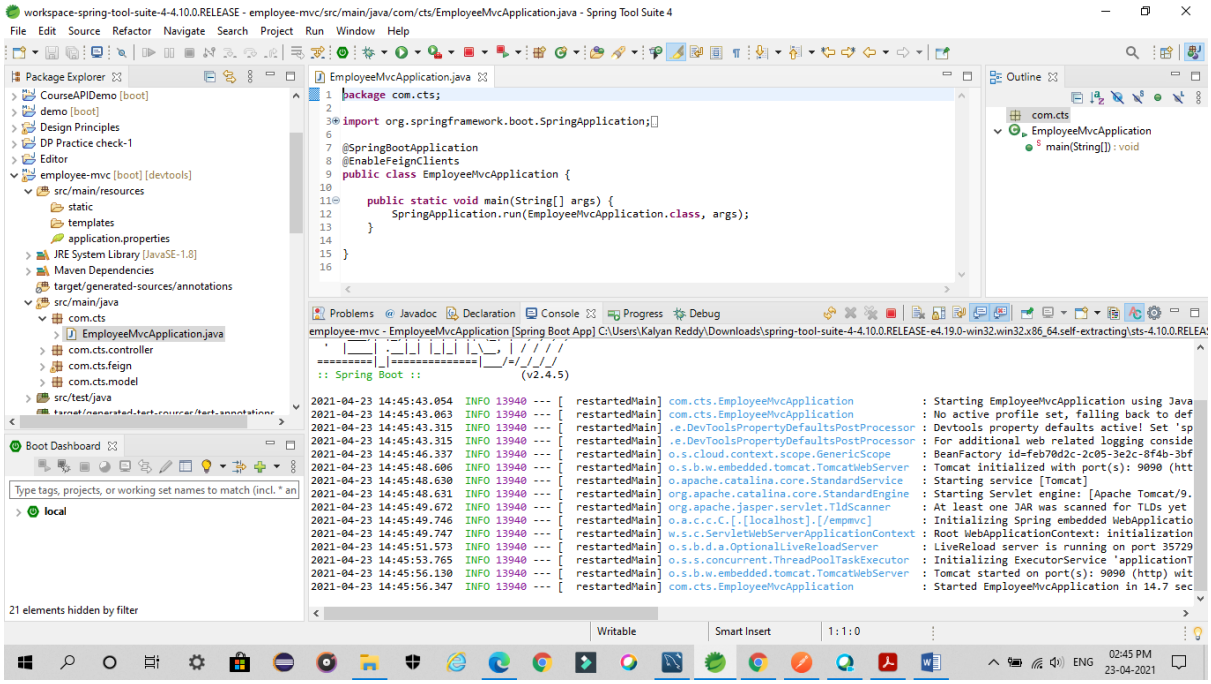
Swagger Handson:

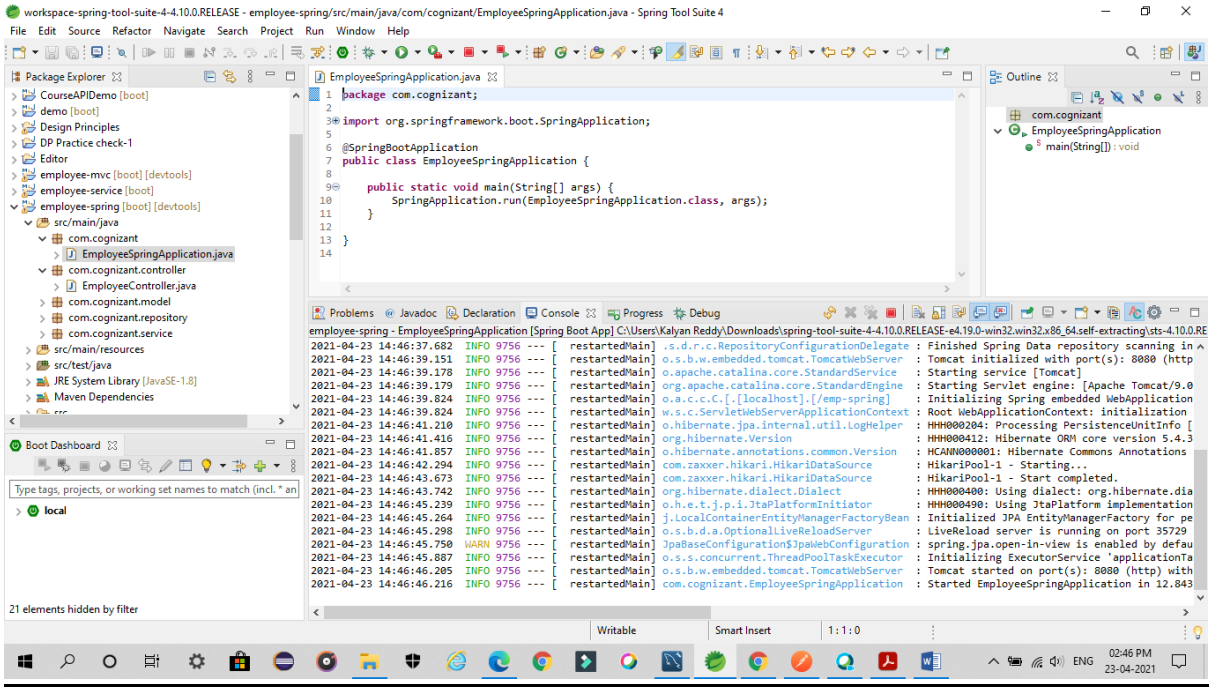


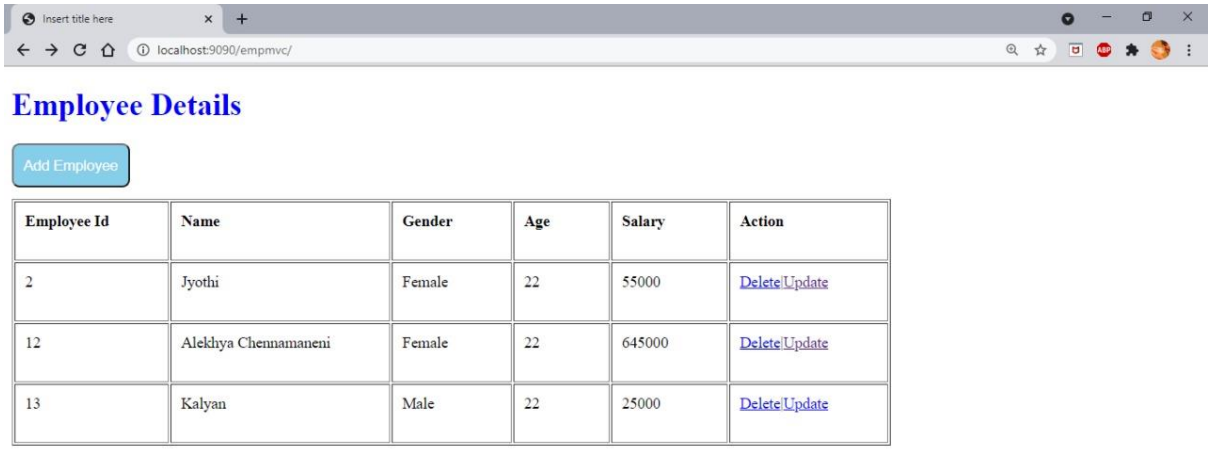


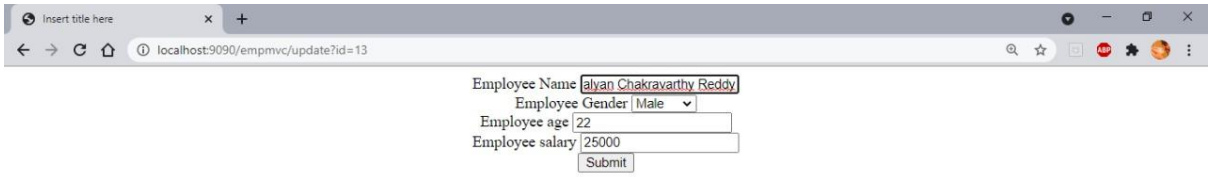


Spring MVC Client for Spring Rest Service




workspace-spring-tool-suite-4-4.10.0.RELEASE - employee-spring/src/main/java/com/cognizant/EmployeeSpringApplication.java - Spring Tool Suite 4
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
CourseAPIDemo [boot]
demo [boot]
Design Principles
DP Practice check-1
Editor
employee-mvc [boot] [devtools]
employee-service [boot]
employee-spring [boot] [devtools]
src/main/java
com.cognizant
EmployeeSpringApplication.java
com.cognizant.controller
EmployeeController.java
com.cognizant.model
com.cognizant.repository
com.cognizant.service
src/main/resources
src/test/java
JRE System Library [JavaSE-1.8]
Maven Dependencies
Boot Dashboard
local
21 elements hidden by filter
EmployeeSpringApplication.java
package com.cognizant;
import org.springframework.boot.SpringApplication;
@SpringBootApplication
public class EmployeeSpringApplication {
public static void main(String[] args) {
SpringApplication.run(EmployeeSpringApplication.class, args);
}
}
Outline
com.cognizant
EmployeeSpringApplication
main(String[]) : void
Problems Javadoc Declaration Console Progress Debug
employee-spring - EmployeeSpringApplication [Spring Boot App] C:\Users\Kalyan Reddy\Downloads\spring-tool-suite-4-4.10.0.RELEASE-e4.19.0-win32.win32.x86_64.self-extracting\sts-4.10.0.RE
2021-04-23 14:46:37.682 INFO 9756 --- [restartedMain] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in
2021-04-23 14:46:39.151 INFO 9756 --- [restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http
2021-04-23 14:46:39.178 INFO 9756 --- [restartedMain] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2021-04-23 14:46:39.179 INFO 9756 --- [restartedMain] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0
2021-04-23 14:46:39.824 INFO 9756 --- [restartedMain] o.a.c.c.C.[.[localhost].[/emp-spring] : Initializing Spring embedded WebApplication
2021-04-23 14:46:39.824 INFO 9756 --- [restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization
2021-04-23 14:46:41.210 INFO 9756 --- [restartedMain] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [
2021-04-23 14:46:41.416 INFO 9756 --- [restartedMain] org.hibernate.Version : HHH000412: Hibernate ORM core version 5.4.3
2021-04-23 14:46:41.857 INFO 9756 --- [restartedMain] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations
2021-04-23 14:46:42.294 INFO 9756 --- [restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2021-04-23 14:46:43.673 INFO 9756 --- [restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2021-04-23 14:46:43.742 INFO 9756 --- [restartedMain] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dia
2021-04-23 14:46:45.239 INFO 9756 --- [restartedMain] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000490: Using JtaPlatform implementation
2021-04-23 14:46:45.264 INFO 9756 --- [restartedMain] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for pe
2021-04-23 14:46:45.298 INFO 9756 --- [restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server is running on port 35729
2021-04-23 14:46:45.750 WARN 9756 --- [restartedMain] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by defau
2021-04-23 14:46:45.887 INFO 9756 --- [restartedMain] o.s.s.concurrent.ThreadPoolTaskExecutor : Initializing ExecutorService 'applicationTa
2021-04-23 14:46:46.205 INFO 9756 --- [restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with
2021-04-23 14:46:46.216 INFO 9756 --- [restartedMain] com.cognizant.EmployeeSpringApplication : Started EmployeeSpringApplication in 12.843
Writable Smart Insert 1 : 1 : 0
ENG 02:46 PM 23-04-2021


Insert title here
localhost:9090/empmvc/
Employee Details
Add Employee
Employee Id
Name
Gender
Age
Salary
Action
2
Jyothi
Female
22
55000
Delete Update
12
Alekhya Chennamaneni
Female
22
645000
Delete Update
13
Kalyan
Male
22
25000
Delete Update



Updated Successfully

Employee deleted Successfully