

AWS HANDSON

Hands on 1: EC2

The screenshot shows the AWS Management Console for the 'us-east-2' region. The left sidebar contains navigation links for EC2 Dashboard, Events, Tags, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, AMIs, Elastic Block Store, and Volumes. The main content area displays the 'Instances (1/25)' list. The table has columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm status, and Availability Zone. The instance 'IJ015_Suhrudhi_896881' is selected, and its details are shown in the bottom panel.

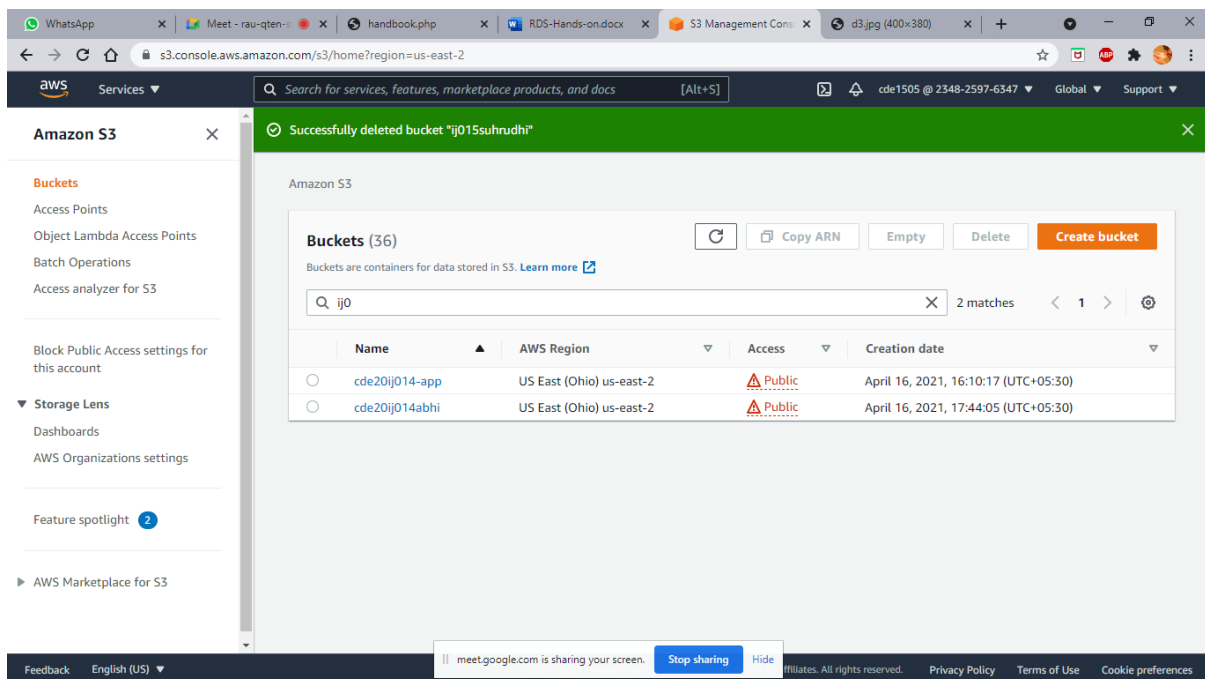
Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Springbootsim...	i-06708dcbf3a14bca	Running	t2.micro	2/2 checks passed	No alarms	us-east-2a
Demo Instance	i-03ce591676dc5fd4b	Stopped	t2.micro	-	No alarms	us-east-2b
Demo Instance	i-0f325b0f2735cc7b7	Stopped	t2.micro	-	No alarms	us-east-2b
Shivendu-Demo	i-0a8f196ac677d310e	Stopped	t2.micro	-	No alarms	us-east-2b
-	i-089997f2f9e55a250	Stopped	t2.micro	-	No alarms	us-east-2b
IJ015_Jyothir...	i-01d745def81afc562	Stopped	t2.micro	-	No alarms	us-east-2b
IJ015_Kalyan...	i-0273d6ce5530685cc	Stopped	t2.micro	-	No alarms	us-east-2b
IJ015_Suhrud...	i-0daa39ac20de8eacb	Stopped	t2.micro	-	No alarms	us-east-2b
-	i-0875603ca5edd9946	Stopped	t2.micro	-	No alarms	us-east-2c
-	i-075826cb04bed5236	Stopped	t2.micro	-	No alarms	us-east-2c
-	i-033bf55765ce0b52e	Stopped	t2.micro	-	No alarms	us-east-2c
Ubuntu-t_Nilay1	i-0b2a5c5aea5c9aefb	Stopped	t2.micro	-	No alarms	us-east-2c
-	i-0859d552eb0a233f4	Stopped	t2.micro	-	No alarms	us-east-2c

Instance: i-0daa39ac20de8eacb (IJ015_Suhrudhi_896881)

The screenshot shows the details of the selected EC2 instance 'IJ015_Suhrudhi_896881'. The 'Details' tab is active, showing the instance summary. The instance is in a 'Stopped' state. The public IP address is 172.31.21.226. The private IP address is ip-172-31-21-226.us-east-2.compute.internal.

Instance summary	Public IPv4 address	Private IPv4 addresses
Instance ID i-0daa39ac20de8eacb (IJ015_Suhrudhi_896881)	-	172.31.21.226
Instance state Stopped	Public IPv4 DNS -	Private IPv4 DNS ip-172-31-21-226.us-east-2.compute.internal
Instance type	Elastic IP addresses	VPC ID

Hands on 2: S3

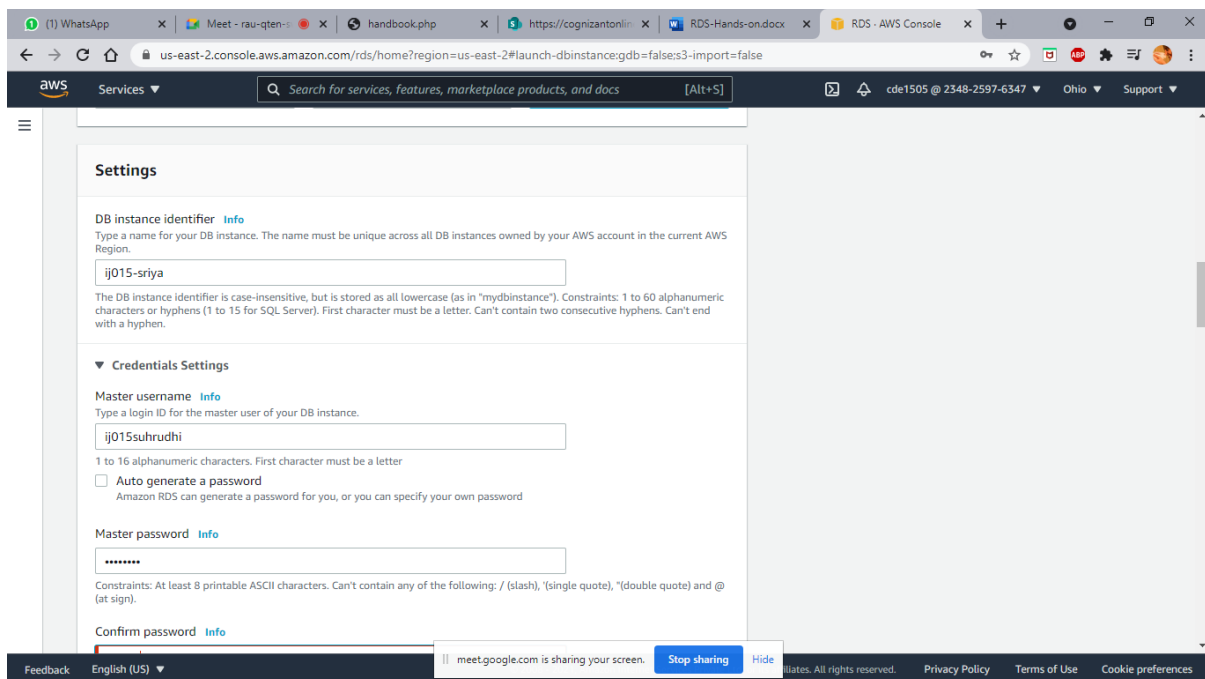


The screenshot shows the Amazon S3 console interface. A green notification banner at the top states "Successfully deleted bucket 'ij015suhrudhi'". The main content area displays a list of buckets under the heading "Buckets (36)". A search bar contains the text "ij0", resulting in 2 matches. The table below lists the buckets:

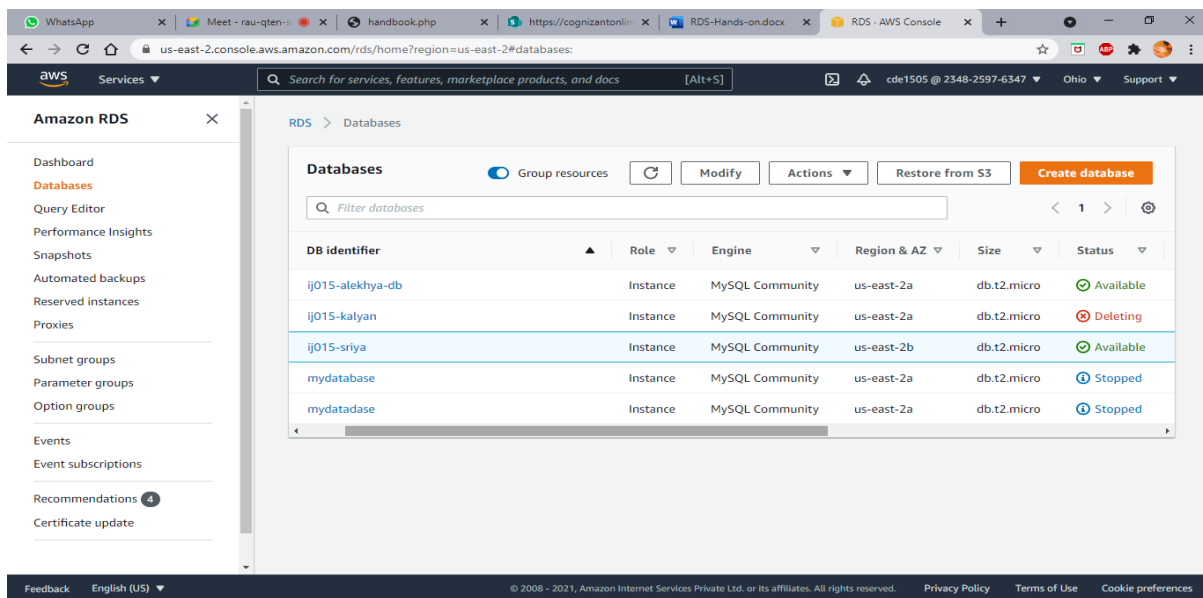
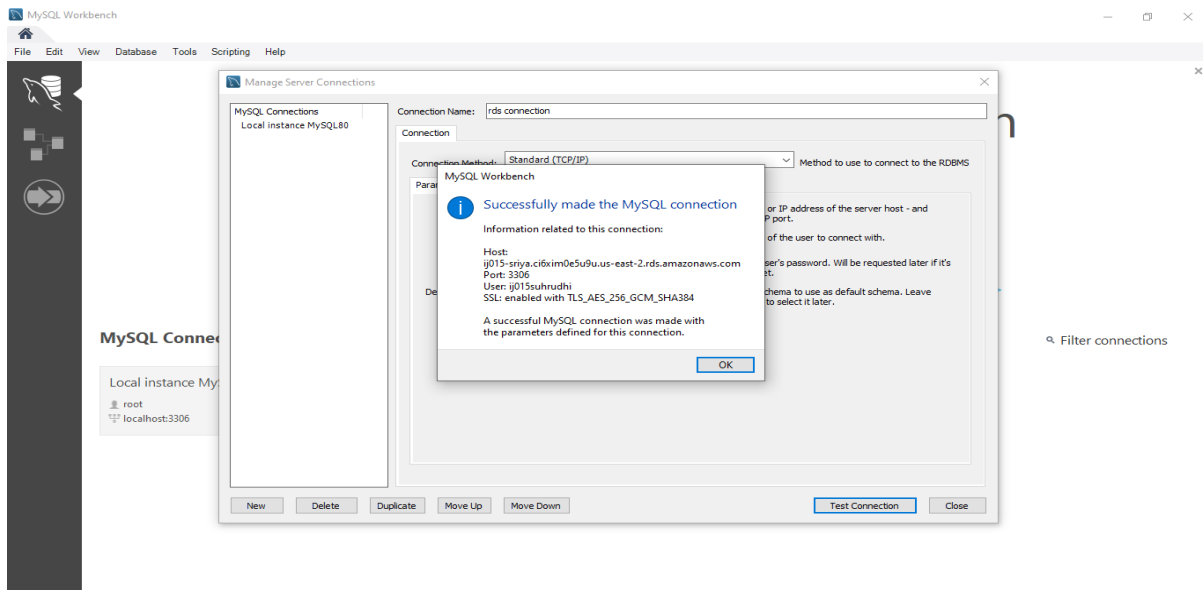
	Name	AWS Region	Access	Creation date
<input type="radio"/>	cde20ij014-app	US East (Ohio) us-east-2	Public	April 16, 2021, 16:10:17 (UTC+05:30)
<input type="radio"/>	cde20ij014abhi	US East (Ohio) us-east-2	Public	April 16, 2021, 17:44:05 (UTC+05:30)

The left sidebar shows the navigation menu with options like Buckets, Access Points, Object Lambda Access Points, Batch Operations, Access analyzer for S3, Storage Lens, Dashboards, AWS Organizations settings, Feature spotlight, and AWS Marketplace for S3. The bottom of the console shows a feedback bar and a language selector set to English (US).

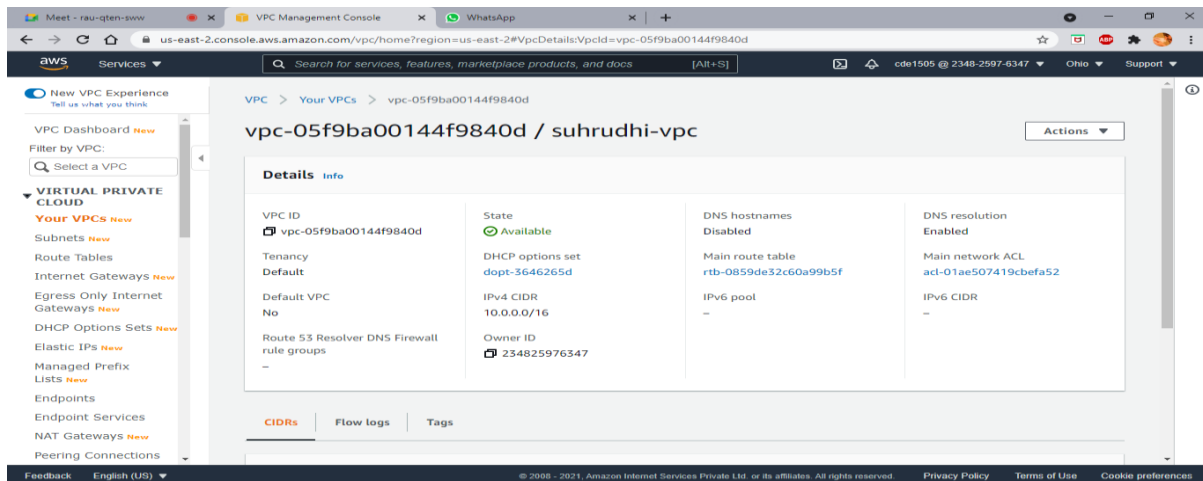
Handson 3: RDS



The screenshot shows the Amazon RDS console "Settings" page for creating a new DB instance. The "DB instance identifier" field contains "ij015-sriya". The "Credentials Settings" section shows the "Master username" field with "ij015suhrudhi". The "Auto generate a password" checkbox is unchecked. The "Master password" field is masked with dots. The "Confirm password" field is also masked. The page includes informational text about the constraints for the DB instance identifier, master username, and master password. The bottom of the console shows a feedback bar and a language selector set to English (US).



Hands on 4: AWS Lab Hands-on Practice



Meet - rau-qten-sww x Subnets | VPC Management Console x WhatsApp x

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#subnets:SubnetId=subnet-09f4eca5921f10b0f

aws Services Search for services, features, marketplace products, and docs [Alt+S]

New VPC Experience Tell us what you think

VPC Dashboard New

Filter by VPC: Select a VPC

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 Lists New

Endpoints

Endpoint Services

NAT Gateways New

Peering Connections

You have successfully created 1 subnet: subnet-09f4eca5921f10b0f

Subnets (1) Info

Filter subnets

Subnet ID: subnet-09f4eca5921f10b0f Clear filters

	Name	Subnet ID	State	VPC	IPv4 CIDR
<input type="checkbox"/>	suhrudhi-subnet	subnet-09f4eca5921f10b0f	Available	vpc-05f9ba00144f9840d suh...	10.0.1.0/24

Select a subnet

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Meet - rau-qten-sww x Subnets | VPC Management Console x WhatsApp x

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#subnets:SubnetId=subnet-09f4eca5921f10b0f

aws Services Search for services, features, marketplace products, and docs [Alt+S]

New VPC Experience Tell us what you think

VPC Dashboard New

Filter by VPC: Select a VPC

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 Lists New

Endpoints

Endpoint Services

NAT Gateways New

Peering Connections

You have successfully created 1 subnet: subnet-09f4eca5921f10b0f

Subnets (1) Info

Filter subnets

Subnet ID: subnet-09f4eca5921f10b0f Clear filters

	Name	Subnet ID	State	VPC	IPv4 CIDR
<input type="checkbox"/>	suhrudhi-subnet	subnet-09f4eca5921f10b0f	Available	vpc-05f9ba00144f9840d suh...	10.0.1.0/24

Select a subnet

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us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#SecurityGroup:groupId=sg-064e0f786ff11aaa7

Services

Search for services, features, marketplace products, and docs [Alt+S]

cd1595 @ 2348-2597-6347 Ohio Support

Security group (sg-064e0f786ff11aaa7 | SuhrudhiWebserverGroup) was created successfully

Details

VPC > Security Groups > sg-064e0f786ff11aaa7 - SuhrudhiWebserverGroup

sg-064e0f786ff11aaa7 - SuhrudhiWebserverGroup

Actions

Details

Security group name SuhrudhiWebserverGroup	Security group ID sg-064e0f786ff11aaa7	Description webservergroup	VPC ID vpc-05f9ba00144f9840d
Owner 234825976347	Inbound rules count 2 Permission entries	Outbound rules count 1 Permission entry	

Inbound rules Outbound rules Tags

Inbound rules (2) Edit inbound rules

Type	Protocol	Port range	Source	Description - optional

Feedback English (US)

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ec2-3-17-66-168.us-east-2.compute.amazonaws.com

Apps Email - Chennaman... Activity Details - Su... https://onecogniza... Spring Framework L... Core Java Made Eas... Courses for Placem... IELTS Reading: The...

Hello World from ip-10-0-1-172.us-east-2.compute.internal

Hands on 5: CICD lab

Meet - rau-qten-sww CodeStar - AWS Developer T... Spring application project - A... JavaSpringWebApp (1) WhatsApp

ec2-18-219-247-144.us-east-2.compute.amazonaws.com

Home About Services Contact

Clouds

Twitter

Congratulationssssssssssssssssss!

You just created a Java Spring web application.

Designed and developed with ♥ in Seattle.

us-east-2.console.aws.amazon.com/codesuite/codestar/projects/spring-applicat?region=us-east-2&project-resources-meta=eyJmJlp7InRleHQiOiIifSwicyf6eyJ...

Services Search for services, features, marketplace products, and docs [Alt+S]

Developer Tools
CodeStar

Getting started
Projects
Project
Team
Settings

Go to resource
Feedback

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

Pipeline
spring-applicat-Pipeline

Most recent action
Deploy: Deploy using CodeDeploy
4 minutes ago

Status
Succeeded

CPU Utilization
Add to dashboard

1h 3h 12h 1d 3d 1w

214
107
0

08:30 09:00 09:30 10:00 10:30 11:00

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Hands on 6: Spring Rest with RDS Backend

Mail - Poolla, Sriya Suhrudi Sriya-app - Environments Activity Details - SumTotal External Site sriyaapp-env.eba-xgfdum8...

https://us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/application/overview?applicatio...

Services Search for services, features, marketplace products, and docs [Alt+S]

Elastic Beanstalk

Environments
Applications
Change history

▼ Sriya-app
Application versions
Saved configurations

▼ Recent environments
Sriyaapp-env

Elastic Beanstalk > Applications > Sriya-app

Actions

Application 'Sriya-app' environments Create a new environment

Filter results matching the display values < 1 >

Environment name	Health	Date created	Last modified	URL	Running versions	Platform	Platform state
Sriyaapp-env	Severe	2021-04-23 09:38:04 UTC+0530	2021-04-23 10:04:41 UTC+0530	Sriyaapp-env.eba-xgfdum8.us-east-2.elasticbeanstalk.com	Sample Application-1	Corretto 11 running on 64bit Amazon Linux 2	Supported

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Browser tabs: Mail - Poolla, Sriya Suhrudi (Co... | Sriyaapp-env - Dashboard | Activity Details - SumTotal | External Site

Address bar: <https://us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/environment/dashboard?applic...>

Header: AWS Services | Search for services, features, marketplace products, and docs [Alt+S] | cde1505 @ 2348-2597-6347 | Ohio | Support

Elastic Beanstalk

- Environments
- Applications
- Change history

▼ Sriya-app

- Application versions
- Saved configurations

▼ Sriyaapp-env

- Go to environment
- Configuration
- Logs
- Health
- Monitoring
- Alarms
- Managed updates
- Events

Health

Severe

Causes

Running version

Sample Application

Upload and deploy

Platform

Corretto 11 running on 64bit Amazon Linux 2/3.1.7

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Postman

File Edit View Help

Home Workspaces Reports Explore

Search Postman

My Workspace

New Import

Overview

POST http://sriyaapp-e... Release Notes

No Environment

Save

Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

Body

```
1 POST
2 {
3   "id": 1,
4   "name": "Sriya"
}
```

Status: 200 OK Time: 1307 ms Size: 185 B Save Response

Pretty Raw Preview Visualize JSON

```
1 POST
2 {
3   "id": 1,
4   "name": "Sriya"
}
```

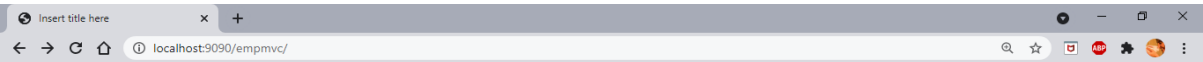
Browser tabs: Mail - Poolla, Sriya Suhrudi (Co... | Sriyaapp-env - Dashboard | Activity Details - SumTotal | External Site | sriyaapp-env.eba-xgfdum8.u...

Address bar: Not secure | sriyaapp-env.eba-xgfdum8.us-east-2.elasticbeanstalk.com/api/employees

[{"id":1,"name":"Sriya"}]

[illegible]

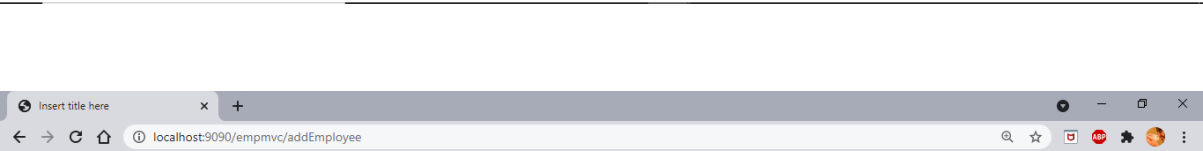
Hands on 9: Spring MVC Client for Spring REST Service



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



Employee Name

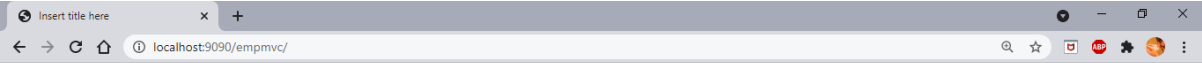
Employee Gender

Employee age

Employee salary



Employee Added SuccessFully



Employee Details

Add Employee

Employee Id	Name	Gender	Age	Salary	Action
2	Jyothirlatha Perla	Female	22	55000	Delete / Update
12	Alekhya Chennamaneni	Female	22	645000	Delete / Update
13	Kalyan	Male	22	25000	Delete / Update
15	Poolla Sriya Suhrudi	Female	22	25000	Delete / Update

localhost:9090/empmvc/update?id=2

Employee Name

Jyothirlatha Perla

Employee Gender

Female

Employee age

22

Employee salary

55000

Submit

Insert title here

localhost:9090/empmvc/update?id=2

Updated Successfully

Insert title here

localhost:9090/empmvc/

Employee Details

Add Employee

Employee Id	Name	Gender	Age	Salary	Action
2	Jyothirlatha Perla	Female	22	55000	Delete/Update
12	Alekhyia Chennamaneni	Female	22	645000	Delete/Update
13	Kalyan	Male	22	25000	Delete/Update
15	Poolla Sriya Suluudi	Female	22	25000	Delete/Update



Employee deleted Successfully
