1.ShopownerserviceApplication.java (default we dont create it)

package com.tns.Shopownerservice;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class ShopownerserviceApplication

{

public static void main(String[] args)

{

SpringApplication.run(ShopownerserviceApplication.class, args);

}

}

2.Shopowner.java (create a class program with variables)

package com.tns.Shopownerservice;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

@Entity

public class Shopowner

{

private String S\_name;

private Integer S\_age;

public Shopowner()

{

super();

}

public Shopowner(String s\_name, Integer s\_age)

{

super();

S\_name = s\_name;

S\_age = s\_age;

}

@Id

@GeneratedValue(strategy=GenerationType.IDENTITY)

public String getS\_name() {

return S\_name;

}

public void setS\_name(String s\_name) {

S\_name = s\_name;

}

public Integer getS\_age() {

return S\_age;

}

public void setS\_age(Integer s\_age)

{

S\_age = s\_age;

}

@Override

public String toString()

{

return "Shopowner[Shopowner name:"+S\_name+" Shoowner age"+S\_age+"]";

}

}

3.Shopowner\_Service\_Repository.java (interface)

package com.tns.Shopownerservice;

import org.springframework.data.jpa.repository.JpaRepository;

public interface Shopowner\_Service\_Repository extends JpaRepository<Shopowner, String>

{

}

4. Shopowner\_Service.java (create service)

package com.tns.Shopownerservice;

import java.util.List;

import javax.transaction.Transactional;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

@Service

@Transactional

public class Shopowner\_Service

{

@Autowired

private Shopowner\_Service\_Repository repo;

public List<Shopowner> listAll()

{

return repo.findAll();

}

public void save(Shopowner shop)

{

repo.save(shop);

}

public Shopowner get(String s\_name)

{

return repo.findById(s\_name).get();

}

public void delete(String s\_name)

{

repo.deleteById(s\_name);

}

}

5. Shopowner\_service\_Controller.java (controller)

package com.tns.Shopownerservice;

import javax.persistence.NoResultException;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.http.HttpStatus;

import org.springframework.http.ResponseEntity;

import org.springframework.web.bind.annotation.DeleteMapping;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.PostMapping;

import org.springframework.web.bind.annotation.PutMapping;

import org.springframework.web.bind.annotation.RequestBody;

import org.springframework.web.bind.annotation.RestController;

@RestController

public class Shopowner\_service\_Controller

{

@Autowired(required=true)

private Shopowner\_Service service;

@GetMapping("/shopownerservice")

public java.util.List<Shopowner> list()

{

return service.listAll();

}

@GetMapping("/shopownerservice/{s\_name}")

public ResponseEntity<Shopowner> get(@PathVariable String S\_name)

{

try

{

Shopowner shop=service.get(S\_name);

return new ResponseEntity<Shopowner>(shop,HttpStatus.OK);

}

catch(NoResultException e)

{

return new ResponseEntity<Shopowner>(HttpStatus.NOT\_FOUND);

}

}

@PostMapping("/shopownerservice")

public void add(@RequestBody Shopowner shop)

{

service.save(shop);

}

@PutMapping("/shopownerservice/{s\_id}")

public ResponseEntity<?> update(@RequestBody Shopowner shop, @PathVariable String S\_name)

{

Shopowner existshop=service.get(S\_name);

service.save(existshop);

return new ResponseEntity<>(HttpStatus.OK);

}

@DeleteMapping("/shopownerservice/{s\_name}")

public void delete(@PathVariable String s\_name)

{

service.delete(s\_name);

}

}

-------------------------------------------------------------------------------

Go to src/resource folder

-application.properties

spring.jpa.hibernate.ddl-auto=update

spring.datasource.url=jdbc:mysql://localhost:3306/shopownerervice

spring.datasource.username=root

spring.datasource.password=Divyasri@123

spring.jpa.properties.hibernate.dialect = org.hibernate.dialect.MySQL5InnoDBDialect

server.port=8080