1. CRIAR BANCO DE DADOS MYSQL java\_db COMO ABAIXO

Tabela appusers

Id fistname lastname

Adicionar alguns registros

1. BAIXAR PROJETO START SPRING

Group: com.developer

Artifact: SpringMySQL

Dependencies: web mysql jpa

1. CRIAR CLASSE MainController

package com.developer.SpringMySQL.controllers;

@Controller

public class MainController {

@rEQUESTmAPPING("/")

public ModelAndView doHome(){

ModelAndView mv = new ModelAndView(ciewName:"index");

return mv;

}

1. COLOCAR DEPENDENCIAS

<dependency>

<groupId>org.apache.tomcat.embed</groupId>

<artifactId>tomcat-embed-jasper</artifactId>

</dependency>

<!-- https://mvnrepository.com/artifact/javax.servlet/jstl -->

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>jstl</artifactId>

<version>1.2</version>

</dependency>

1. CRIAR INDEX.JSP

Ola mundo

1. CONFIGURAR APPLICATION.PROPERTIES

spring.mvc.view.prefix=/WEB-INF/jsp/

spring.mvc.view.suffix=.jsp

spring.datasource.url=jdbc:mysql://localhost:3306/java\_db

spring.datasource.username=root

spring.datasource.password=

spring.jpa.hibernate.ddl-auto=update

#spring.jpa.generate.ddl=true

1. CRIAR CLASSE AppUsers

**package** com.developer.SpringMySQL.models;

**import** javax.persistence.\*;

/\*\*

\* Created by Pukar on 6/25/2017.

\*/

@Entity

@Table(name = "appusers")

**public** **class** AppUsers {

@Id

@GeneratedValue(strategy = GenerationType.***AUTO***)

**public** **int** id;

@Column(name = "cpf")

**public** String cpf;

@Column(name = "nome")

**public** String nome;

@Column(name = "endereco")

**public** String endereco;

@Column(name = "telefone")

**public** String telefone;

**public** String getTelefone() {

**return** telefone;

}

**public** **void** setTelefone(String telefone) {

**this**.telefone = telefone;

}

**public** AppUsers() {

}

**public** AppUsers(String cpf, String nome, String endereco, String telefone) {

**this**.cpf = cpf;

**this**.nome = nome;

**this**.endereco = endereco;

}

**public** String getEndereco() {

**return** endereco;

}

**public** **void** setEndereco(String endereco) {

**this**.endereco = endereco;

}

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**public** String getCpf() {

**return** cpf;

}

**public** **void** setCpf(String cpf) {

**this**.cpf = cpf;

}

**public** String getNome() {

**return** nome;

}

**public** **void** setNome(String nome) {

**this**.nome = nome;

}

}

1. CRIAR CLASSE AppUsersRepo

**package** com.developer.SpringMySQL.models;

**import** org.springframework.data.repository.CrudRepository;

**public** **interface** AppUsersRepo **extends** CrudRepository<AppUsers,Integer>{

}

1. EM MAINCONTROLLER CRIAR ANOTACOES DENTRO DE INDEX

@Autowired

AppUsersRepo appRepo;

mv.addObject("lists",appRepo.findAll());

BUSCAR NO SITE [WWW.W3CHOOLS.COM](http://WWW.W3CHOOLS.COM) EM HTML TABLES

<%@ taglib uri = *"http://java.sun.com/jsp/jstl/core"* prefix = *"c"* %>

<!DOCTYPE html>

<html>

<head><title>SpringBoot</title>

<style>

**table** {

font-family: *arial, sans-serif*;

border-collapse: *collapse*;

width: *100%*;

}

**td,** **th** {

border: *1px solid #dddddd*;

text-align: *left*;

padding: *8px*;

}

**tr***:nth-child(even)* {

background-color: *#dddddd*;

}

</style>

</head>

<body>

<table>

<tr>

<th>CPF</th>

<th>NOME</th>

<th>ENDERECO</th>

<th>TELEFONE</th>

<th>OPCAO</th>

</tr>

<c:forEach var = *"list"* items = *"*${lists}*"*>

<tr>

<td>${list.cpf}</td>

<td>${list.nome}</td>

<td>${list.endereco}</td>

<td>${list.telefone}</td>

<td>

</td>

</tr>

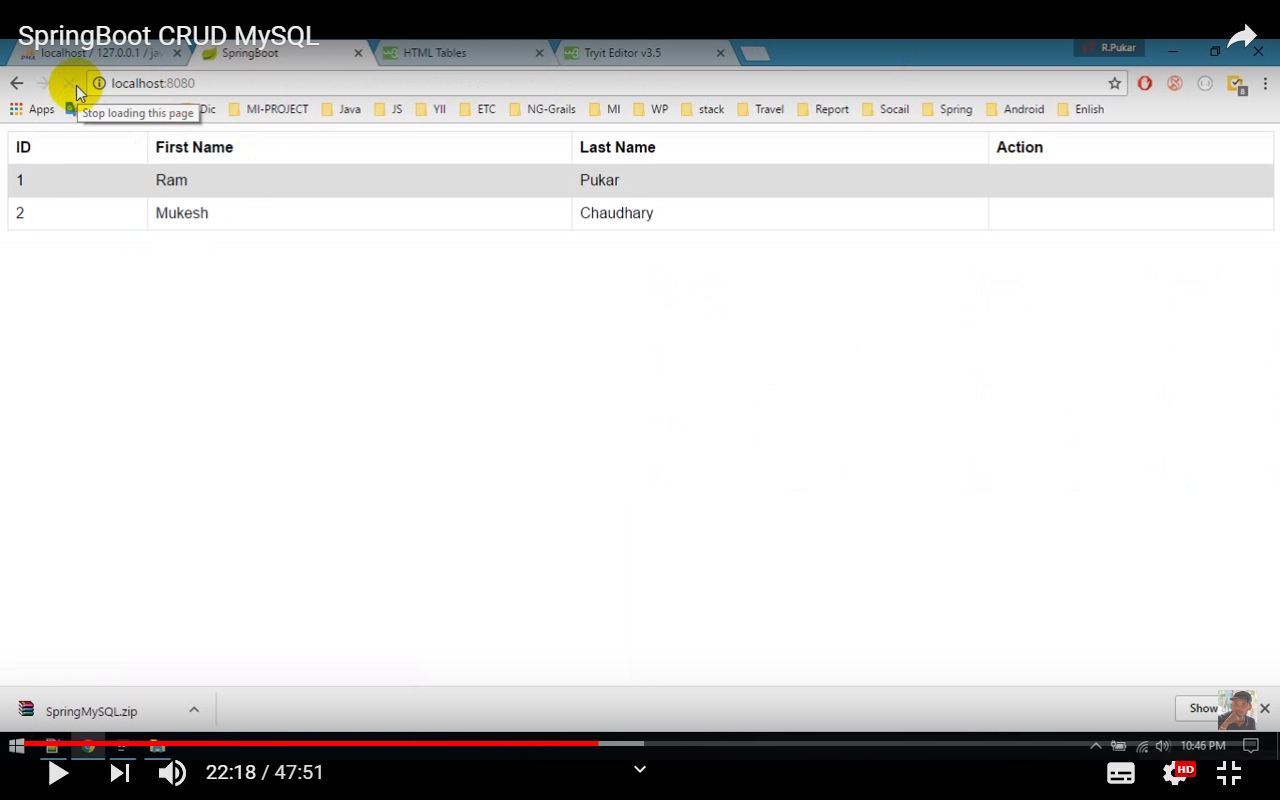
</c:forEach>

</table>

<hr/>

</body>

</html>



1. CRIAR FORMULARIO ABAIXO PARA INSERIR USERS

<form method=*"post"* action=*"/save"*>

<input type=*"hidden"* name=*"id"* value=*""*/>

CPF:

<input type=*"text"* name=*"cpf"*/>

NOME:

<input type=*"text"* name=*"nome"* >

ENDERECO:

<input type=*"text"* name=*"endereco"* >

TELEFONE:

<input type=*"text"* name=*"telefone"* >

<input type=*"submit"* value=*"SALVAR"*><br><br>

</form>

1. CRIAR METODO SAVE EM MAINCONTROLLER

@RequestMapping( value = "/save", method = RequestMethod.***POST***)

**public** ModelAndView doSave(@RequestParam("id") String id, @RequestParam("cpf") String cpf, @RequestParam("nome") String nome, @RequestParam("endereco") String endereco, @RequestParam("telefone") String telefone){

ModelAndView mv = **new** ModelAndView("redirect:/");

AppUsers users = **new** AppUsers();

users.setCpf(cpf);

users.setNome(nome);

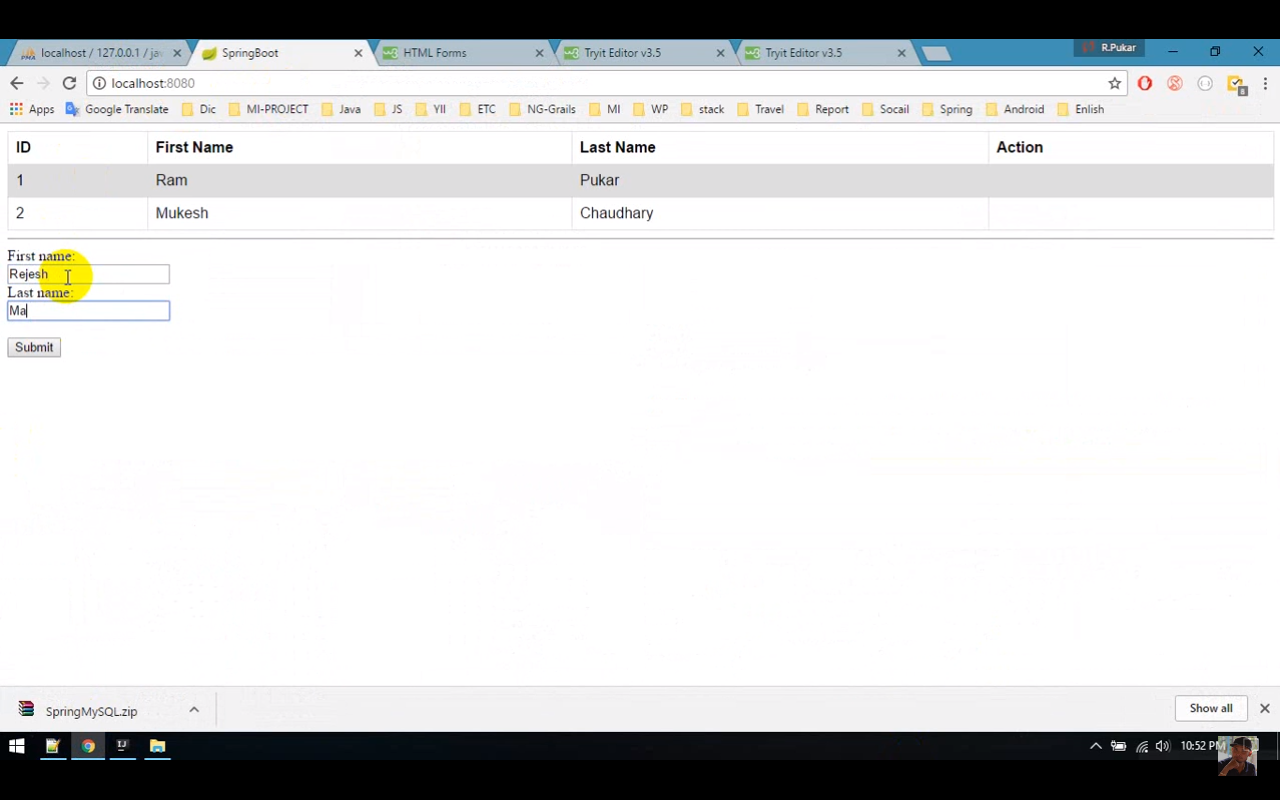
users.setEndereco(endereco);

users.setTelefone(telefone);

appRepo.save(users);

**return** mv;

}



1. CRIAR VIEW.JSP

<%@ taglib uri = *"http://java.sun.com/jsp/jstl/core"* prefix = *"c"* %>

<!DOCTYPE html>

<html>

<head><title>SpringBoot</title>

<style>

**table** {

font-family: *arial, sans-serif*;

border-collapse: *collapse*;

width: *100%*;

}

**td,** **th** {

border: *1px solid #dddddd*;

text-align: *left*;

padding: *8px*;

}

**tr***:nth-child(even)* {

background-color: *#dddddd*;

}

</style>

</head>

<body>

<table>

<tr>

<th>CPF</th>

<td>${lists.cpf}</td>

</tr>

<tr>

<th>NOME</th>

<td>${lists.nome}</td>

</tr>

<tr>

<th>ENDERECO</th>

<td>${lists.endereco}</td>

</tr>

<tr>

<th>TELEFONE</th>

<td>${lists.telefone}</td>

</tr>

</table>

<a href=*"/"*>Voltar</a>

</body>

</html>

1. EM MAILCONTROLLER

@RequestMapping( value = "/view/{id}", method = RequestMethod.***GET***)

**public** ModelAndView doView(@PathVariable("id") **int** id){

ModelAndView mv = **new** ModelAndView("view");

mv.addObject("lists",appRepo.findOne(id));

**return** mv;

}

1. EM INDEX

<a href=*"/view/*${list.id}*"*>VER</a>

<a href=*"/delete/*${list.id}*"*>DELETAR</a>

<a href=*"/edit/*${list.id}*"*>EDITAR</a>

1. EM MAILCONTROLLER PARA FAZER O BOTAO DELETAR FUNCIONAR

@RequestMapping( value = "/delete/{id}", method = RequestMethod.***GET***)

**public** ModelAndView doDelete(@PathVariable("id") **int** id){

ModelAndView mv = **new** ModelAndView("redirect:/");

appRepo.delete(id);

**return** mv;

}

1. PARA FAZER O BOTAO EDITAR EM MAILCONTROLER

@RequestMapping( value = "/edit/{id}", method = RequestMethod.***GET***)

**public** ModelAndView doEdit(@PathVariable("id") **int** id){

ModelAndView mv = **new** ModelAndView("edit");

mv.addObject("lists",appRepo.findOne(id));

**return** mv;

}

1. CRIAR EDIT.JSP

<%@ taglib uri = *"http://java.sun.com/jsp/jstl/core"* prefix = *"c"* %>

<!DOCTYPE html>

<html>

<head><title>SpringBoot</title>

<style>

**table** {

font-family: *arial, sans-serif*;

border-collapse: *collapse*;

width: *100%*;

}

**td,** **th** {

border: *1px solid #dddddd*;

text-align: *left*;

padding: *8px*;

}

**tr***:nth-child(even)* {

background-color: *#dddddd*;

}

</style>

</head>

<body>

<hr/>

<form method=*"post"* action=*"/save"*>

<input type=*"hidden"* name=*"id"* value=*"*${lists.id}*"*/><br/>

CPF:<br>

<input type=*"text"* name=*"cpf"* value=*"*${lists.cpf}*"*/>

<br>

NOME:<br>

<input type=*"text"* name=*"nome"* value=*"*${lists.nome}*"*>

<br>endereco:<br>

<input type=*"text"* name=*"endereco"* value=*"*${lists.endereco}*"*>

<br>telefone:<br>

<input type=*"text"* name=*"telefone"* value=*"*${lists.telefone}*"*>

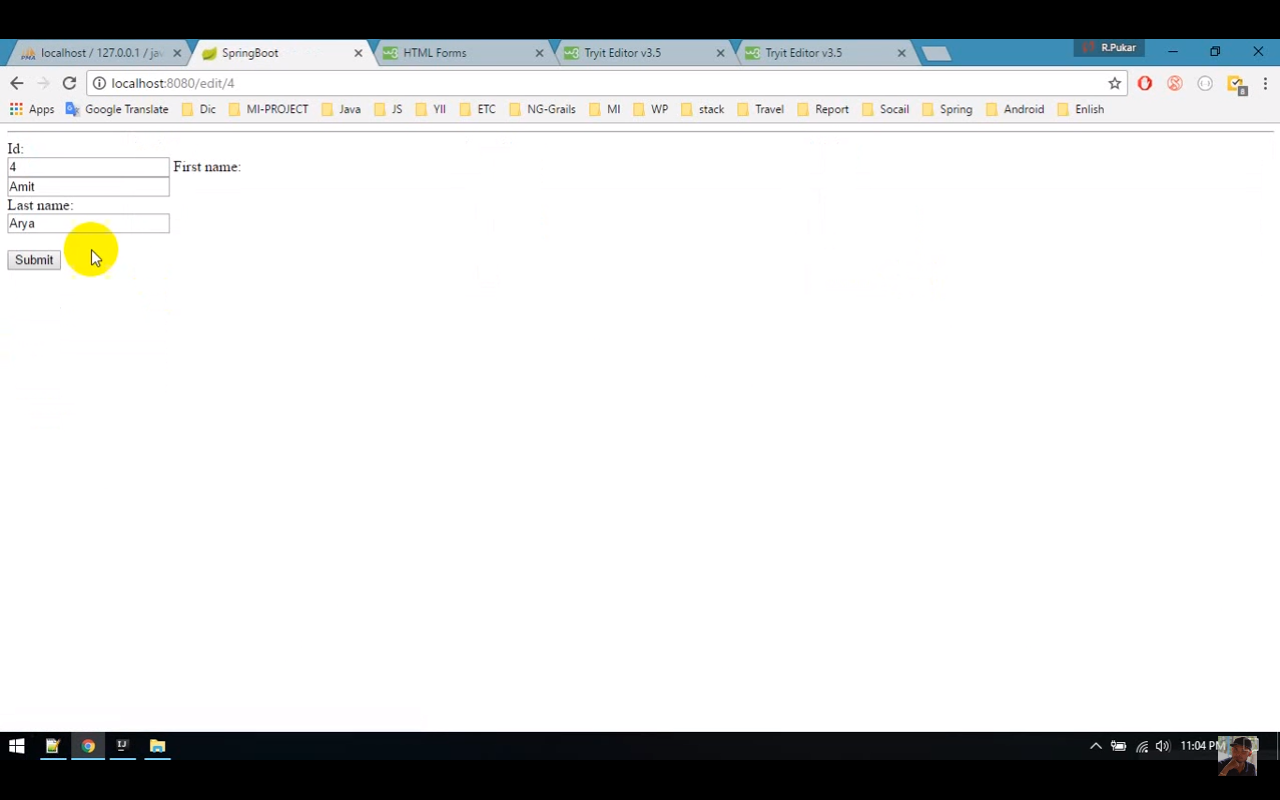
<br><br>

<input type=*"submit"* value=*"Salvar"*>

</form>

</body>

</html>



1. EM MAINCONTROLLER MODIFICAR O METODO ABAIXO

@RequestMapping( value = "/save", method = RequestMethod.***POST***)

**public** ModelAndView doSave(@RequestParam("id") String id, @RequestParam("cpf") String cpf, @RequestParam("nome") String nome, @RequestParam("endereco") String endereco, @RequestParam("telefone") String telefone){

ModelAndView mv = **new** ModelAndView("redirect:/");

AppUsers users;

**if**(!id.isEmpty()){

users =(AppUsers)appRepo.findOne(Integer.*parseInt*(id));

} **else** {

users = **new** AppUsers();

}

users.setCpf(cpf);

users.setNome(nome);

users.setEndereco(endereco);

users.setTelefone(telefone);

appRepo.save(users);

**return** mv;

}

1. NOS FORMULARIOS DE SALVAMENTO ADICIONOU O TYPE=”HIDDEN”