UNIVERSIDAD AUTÓNOMA DE CHIAPAS

FACULTAD DE CONTADURÍA Y ADMINISTRACIÓN
CAMPUS 1

ING. EN DESARROLLO Y TECNOLOGÍAS DE SOFTWARE

6 “M”

TALLER DE DESARROLLO 4

SUBCOMPETENCIA 2

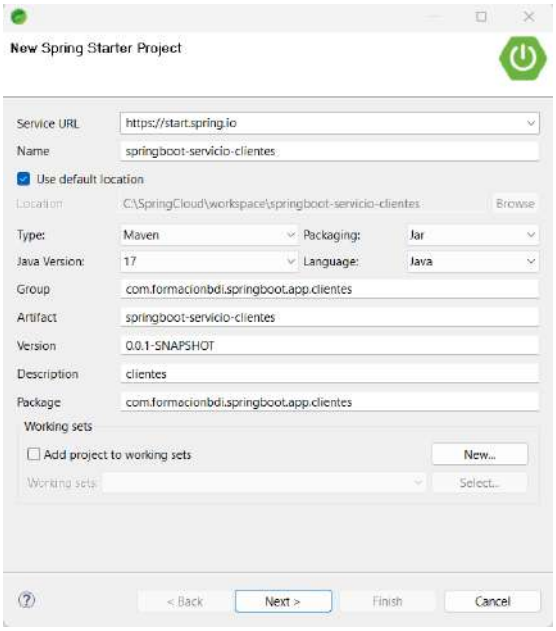
REALIZA TU PRIMER MICROSERVICIO

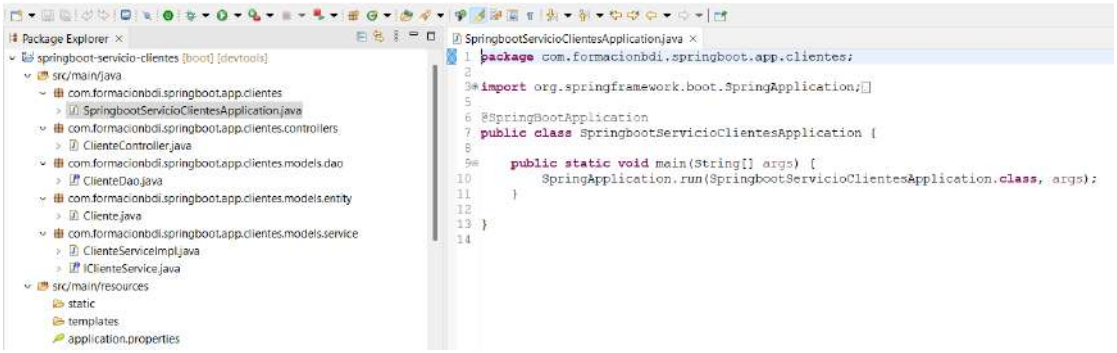
ALUMNO: MARCO ANTONIO ZÚÑIGA MORALES – A211121

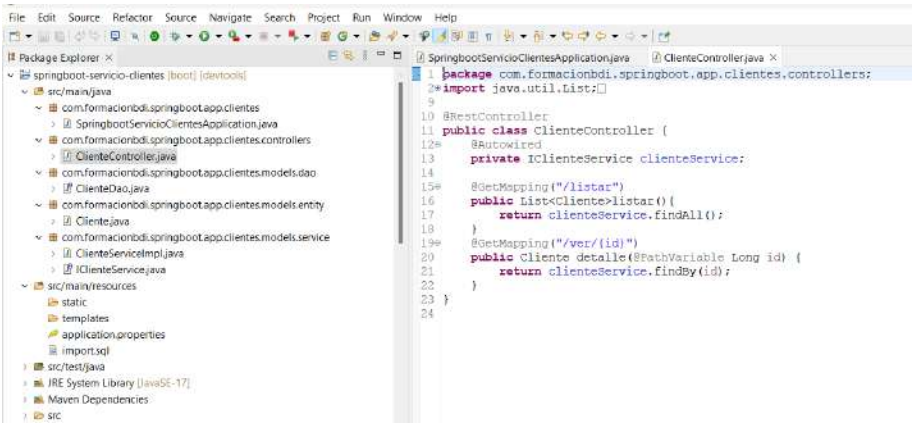
DOCENTE: DR. LUIS GUTIÉRREZ ALFARO

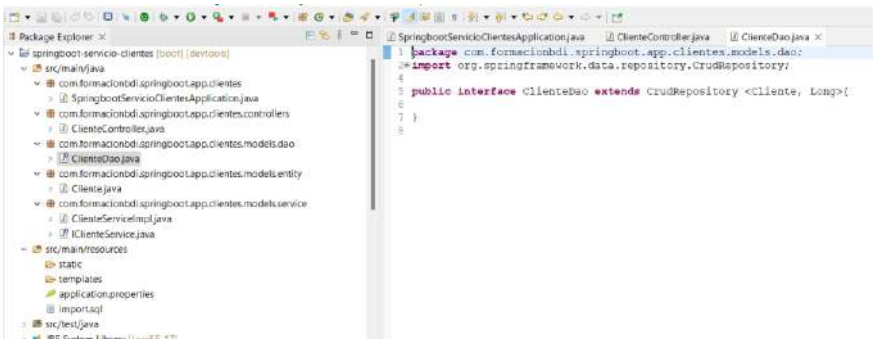
TUXTLA GUTIÉRREZ, CHIAPAS
LUNES, 25 DE SEPTIEMBRE DE 2023

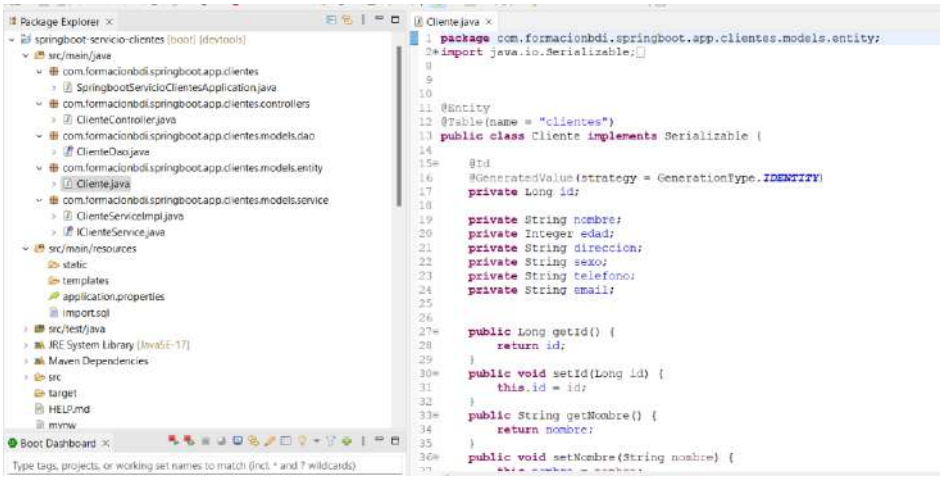
Microservicio de Clientes








Package Explorer
springboot-servicio-clientes [boot] [devtools]
src/main/java
com.formacionbdi.springboot.app.clientes
SpringbootServicioClientesApplication.java
com.formacionbdi.springboot.app.clientes.controllers
ClienteController.java
com.formacionbdi.springboot.app.clientes.models.dao
ClienteDao.java
com.formacionbdi.springboot.app.clientes.models.entity
Cliente.java
com.formacionbdi.springboot.app.clientes.models.service
ClienteServiceImpl.java
IClienteService.java
src/main/resources
static
templates
application.properties
import.sql
src/test/java
SpringbootServicioClientesApplication.java
ClienteController.java
ClienteDao.java
1 package com.formacionbdi.springboot.app.clientes.models.dao;
2 import org.springframework.data.repository.CrudRepository;
4
5 public interface ClienteDao extends CrudRepository <Cliente, Long>{
6
7 }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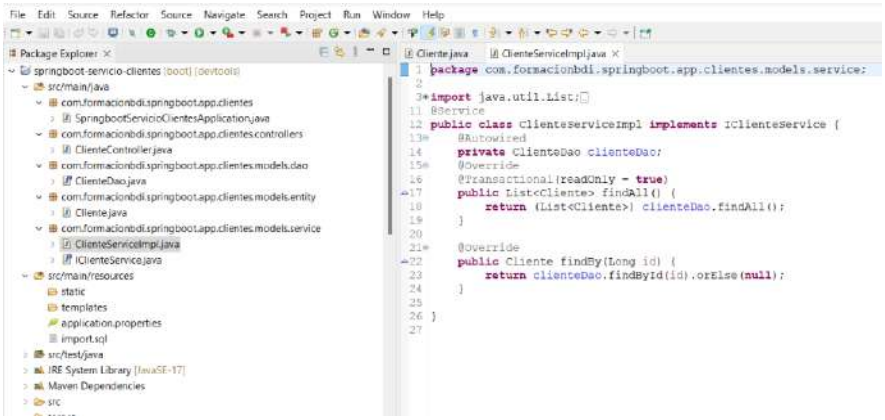
import.sql
src/test/java
JRE System Library [JavaSE-17]
Maven Dependencies
src
target
HELP.md
mvnw
Boot Dashboard
Type tags, projects, or working set names to match (incl. * and ? wildcards)
Cliente.java
1 package com.formacionbdi.springboot.app.clientes.models.entity;
2 import java.io.Serializable;
8
9
10
11 @Entity
12 @Table(name = "clientes")
13 public class Cliente implements Serializable {
14
15 @Id
16 @GeneratedValue(strategy = GenerationType.IDENTITY)
17 private Long id;
18
19 private String nombre;
20 private Integer edad;
21 private String direccion;
22 private String sexo;
23 private String telefono;
24 private String email;
25
26
27 public Long getId() {
28 return id;
29 }
30 public void setId(Long id) {
31 this.id = id;
32 }
33 public String getNombre() {
34 return nombre;
35 }
36 public void setNombre(String nombre) {


File Edit Source Refactor Source Navigate Search Project Run Window Help
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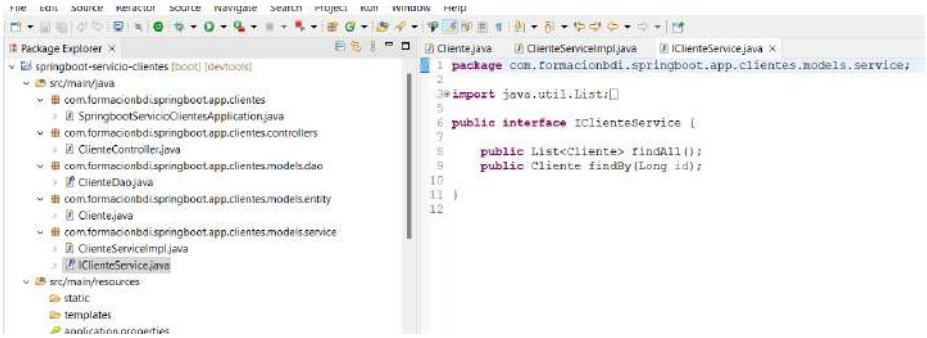
src/test/java
JRE System Library [JavaSE-17]
Maven Dependencies
src
Cliente.java
ClienteServiceImpl.java
1 package com.formacionbdi.springboot.app.clientes.models.service;
2
3 import java.util.List;
11 @Service
12 public class ClienteServiceImpl implements IClienteService {
13 @Autowired
14 private ClienteDao clienteDao;
15 @Override
16 @Transactional(readOnly = true)
17 public List<Cliente> findAll() {
18 return (List<Cliente>) clienteDao.findAll();
19 }
20
21 @Override
22 public Cliente findBy(Long id) {
23 return clienteDao.findById(id).orElse(null);
24 }
25
26 }
27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3 import java.util.List;
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6 public interface IClienteService {
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8 public List<Cliente> findAll();
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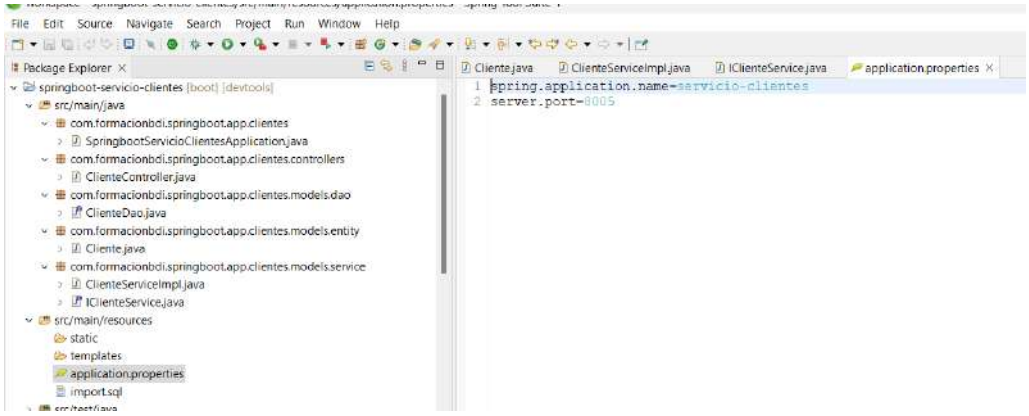
11 }
12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application.properties
import.sql
Cliente.java
ClienteServiceImpl.java
IClienteService.java
application.properties
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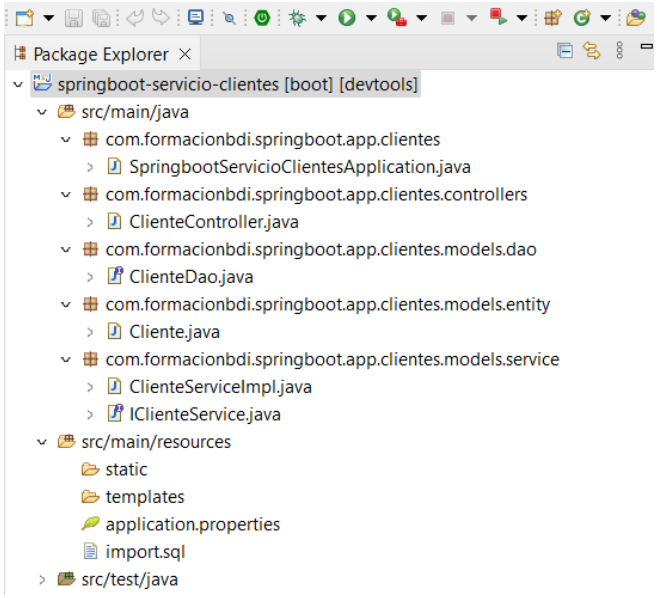
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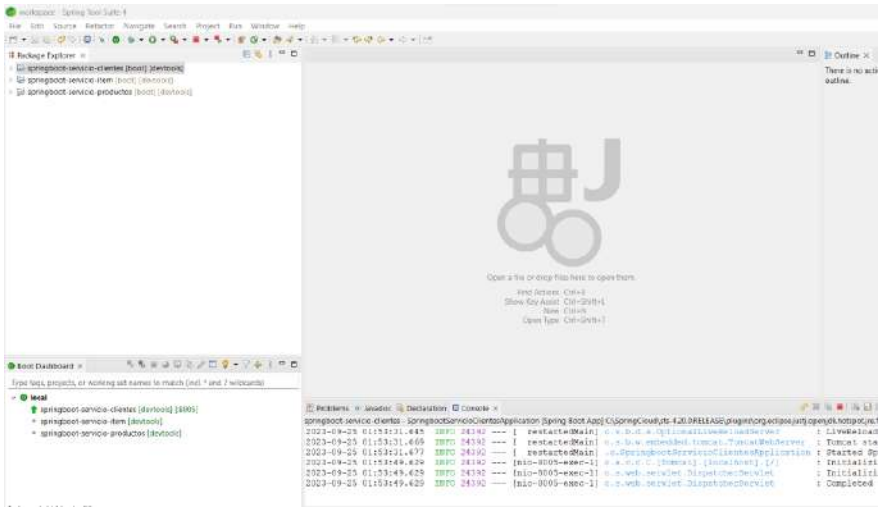

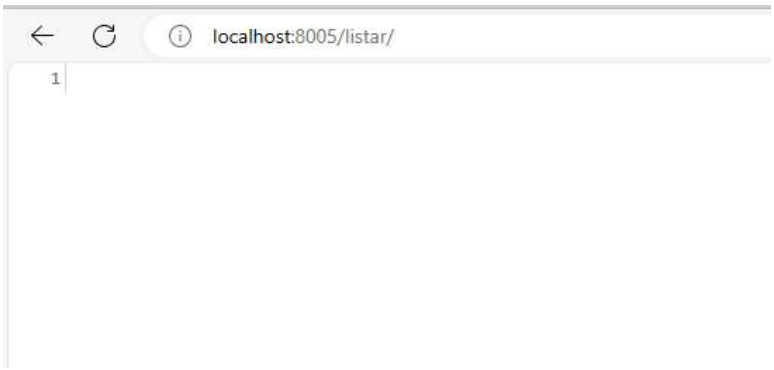
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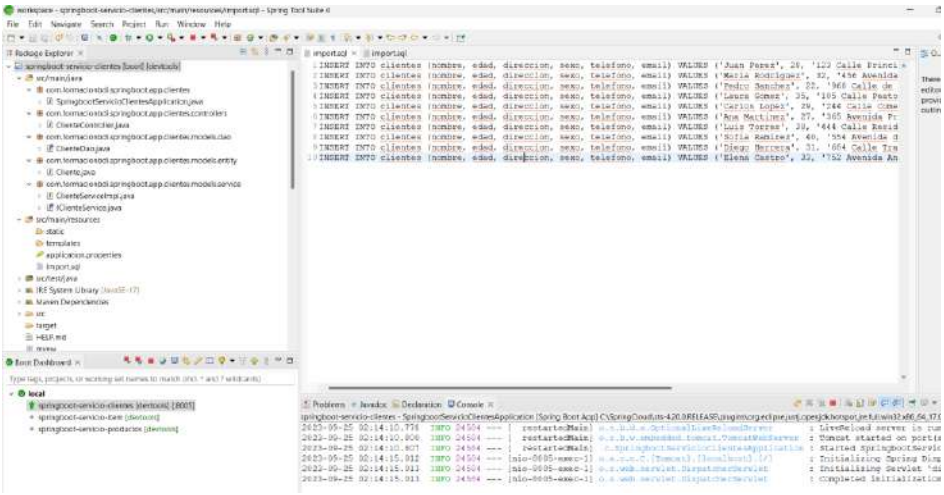
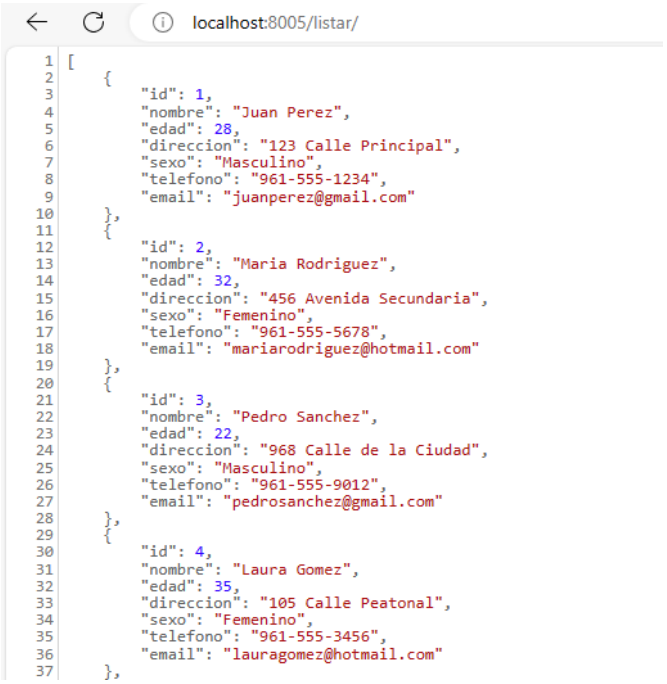
1

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{
"id": 1,
"nombre": "Juan Perez",
"edad": 28,
"direccion": "123 Calle Principal",
"sexo": "Masculino",
"telefono": "961-555-1234",
"email": "juanperez@gmail.com"
},
{
"id": 2,
"nombre": "Maria Rodriguez",
"edad": 32,
"direccion": "456 Avenida Secundaria",
"sexo": "Femenino",
"telefono": "961-555-5678",
"email": "mariarodriguez@hotmail.com"
},
{
"id": 3,
"nombre": "Pedro Sanchez",
"edad": 22,
"direccion": "968 Calle de la Ciudad",
"sexo": "Masculino",
"telefono": "961-555-9012",
"email": "pedrosanchez@gmail.com"
},
{
"id": 4,
"nombre": "Laura Gomez",
"edad": 35,
"direccion": "105 Calle Peatonal",
"sexo": "Femenino",
"telefono": "961-555-3456",
"email": "lauragomez@hotmail.com"
},

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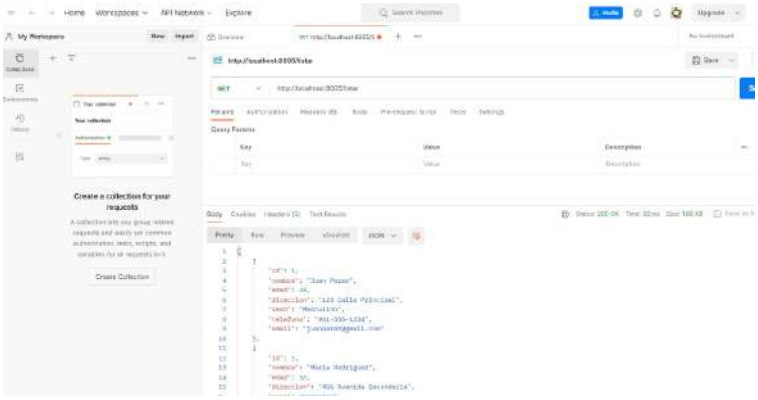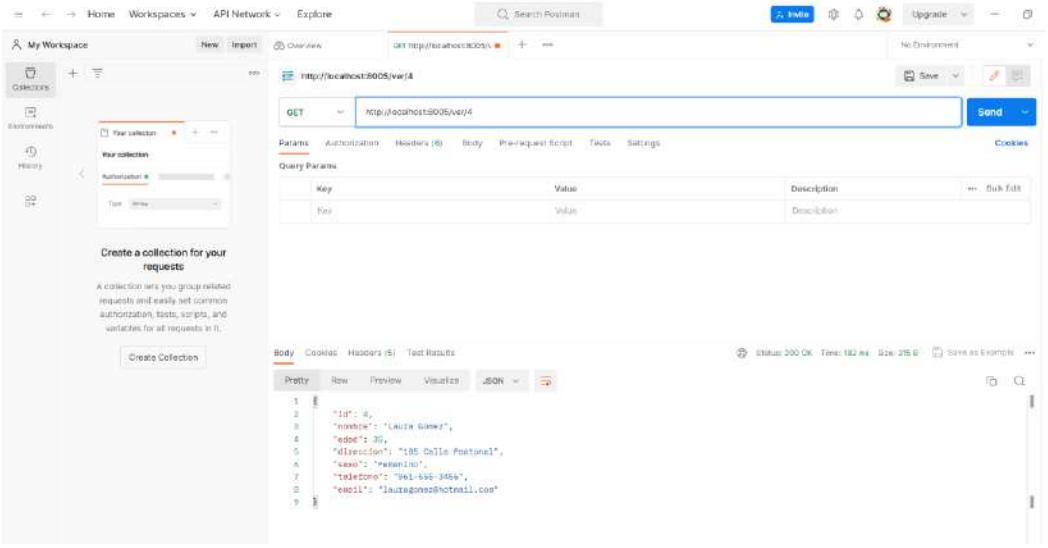
```
{
    "id": 4,
    "nombre": "Laura Gomez",
    "edad": 35,
    "direccion": "105 Calle Peatonal",
    "sexo": "Femenino",
    "telefono": "961-555-3456",
    "email": "lauragomez@hotmail.com"
}
```