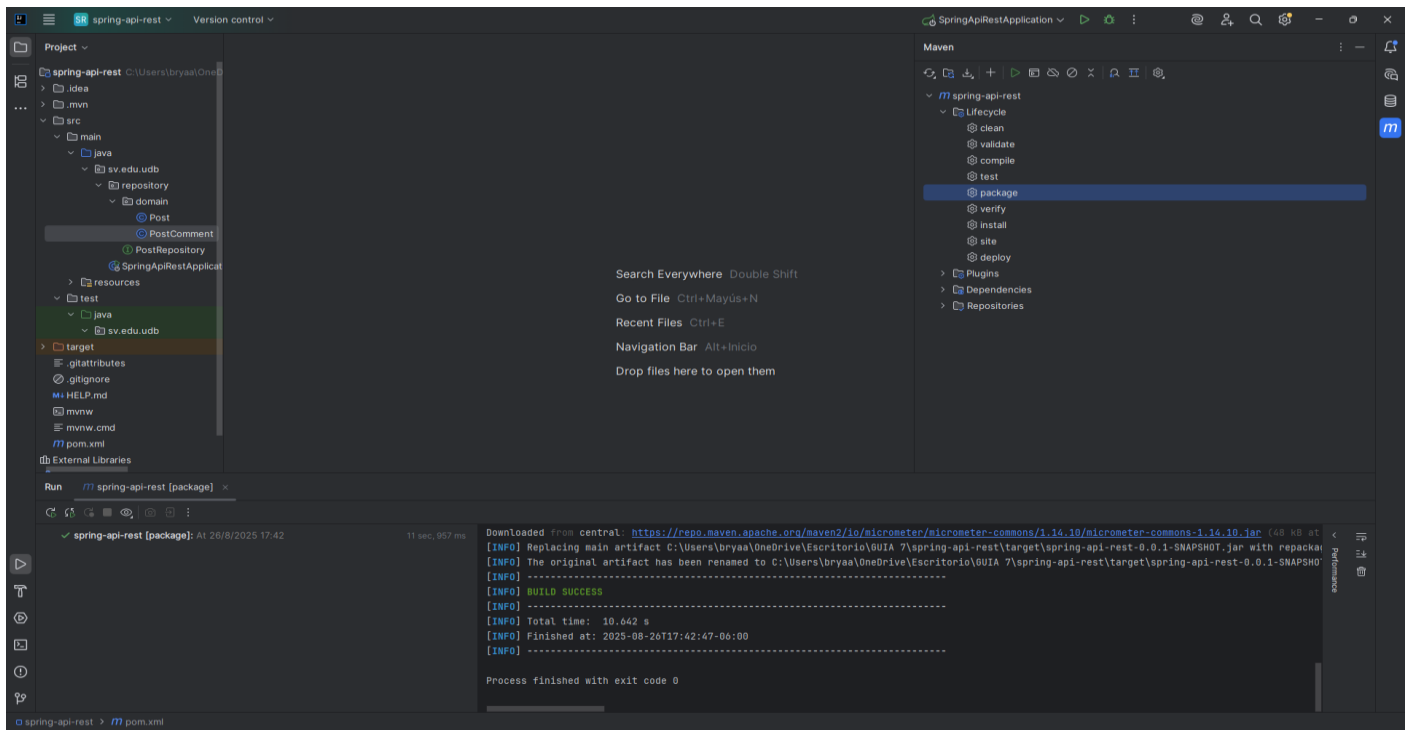
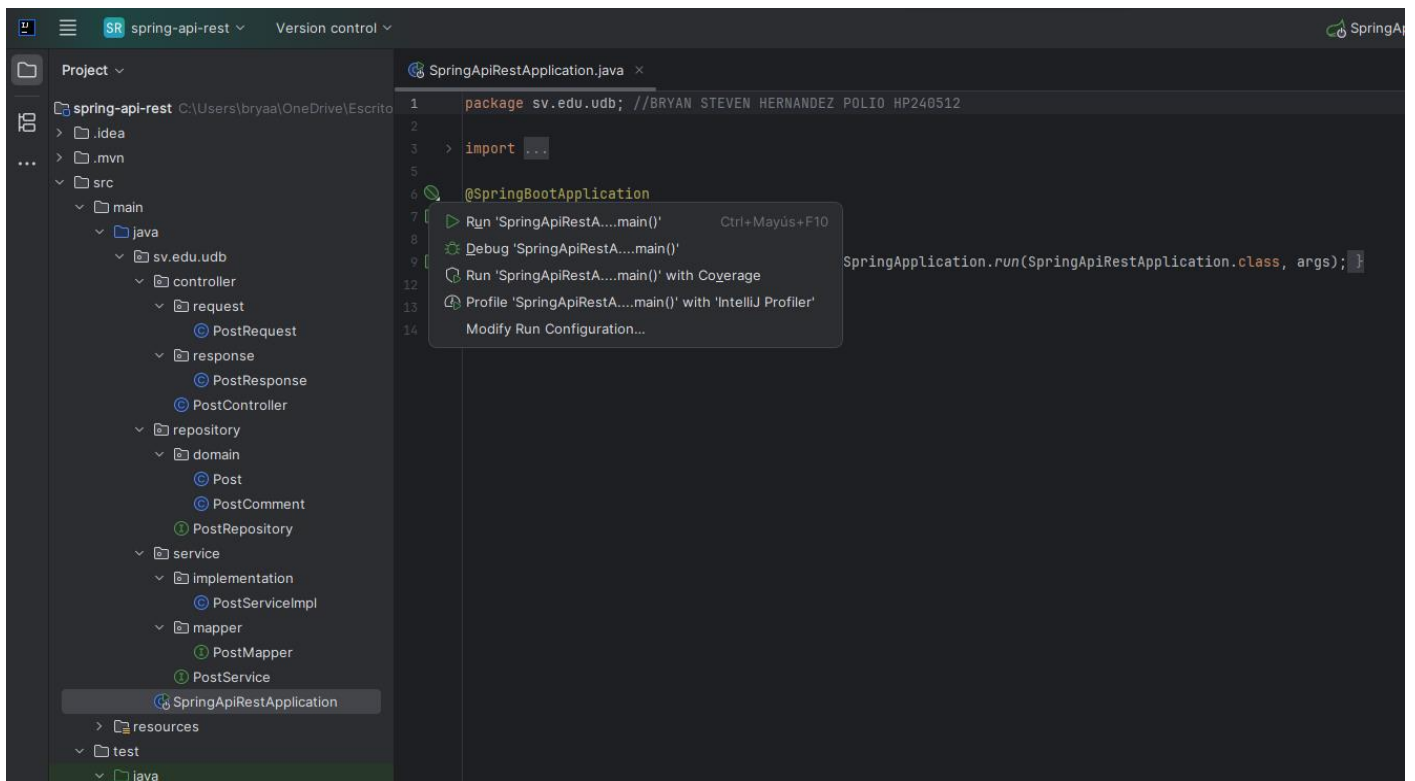


BRYAN STEVEN HERNANDEZ POLIO ----- HP240512 ----- DWF G03L

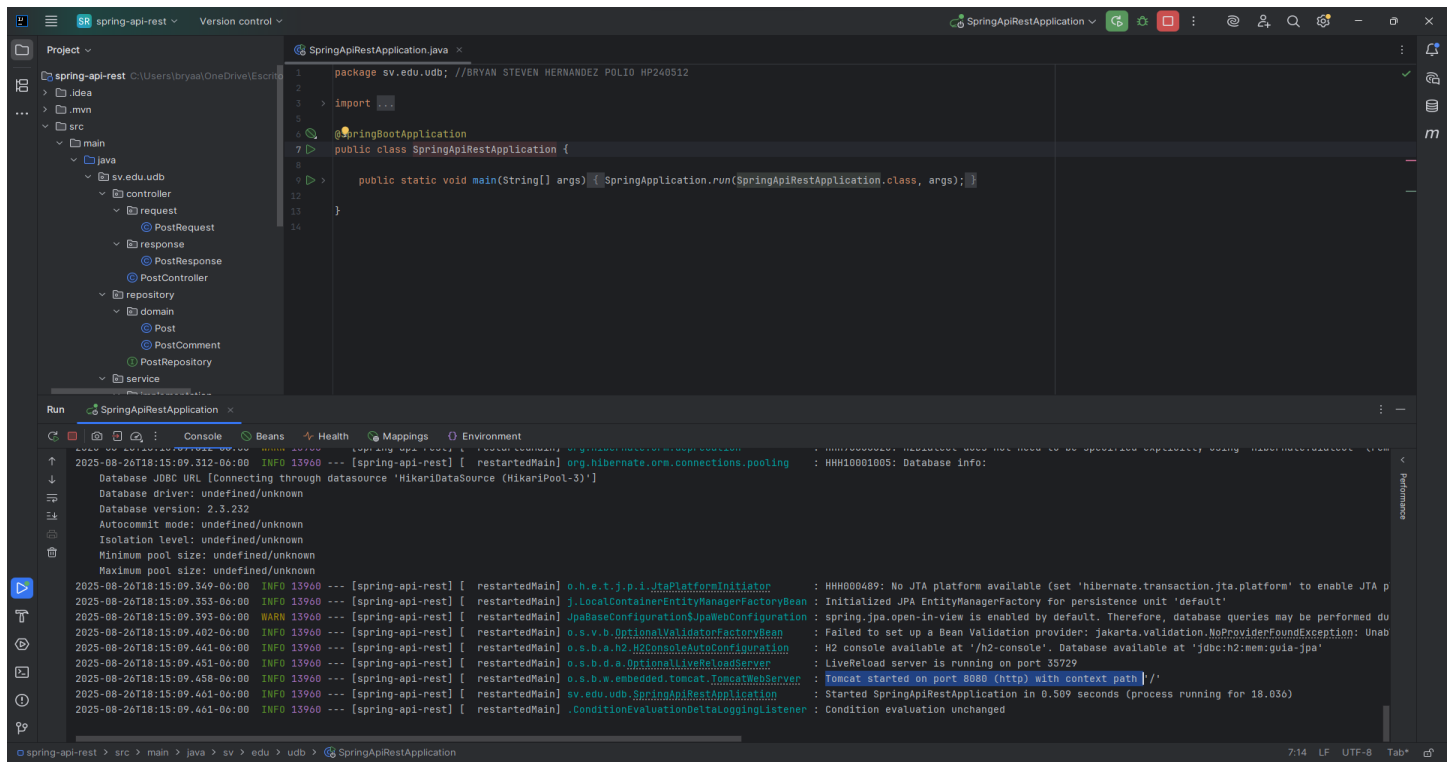
PRIMERA PRUEBA DE CLEAN Y PACKAGE:



Corriendo el Spring Api Rest:



Demostración de su ejecución y el puerto 8080:



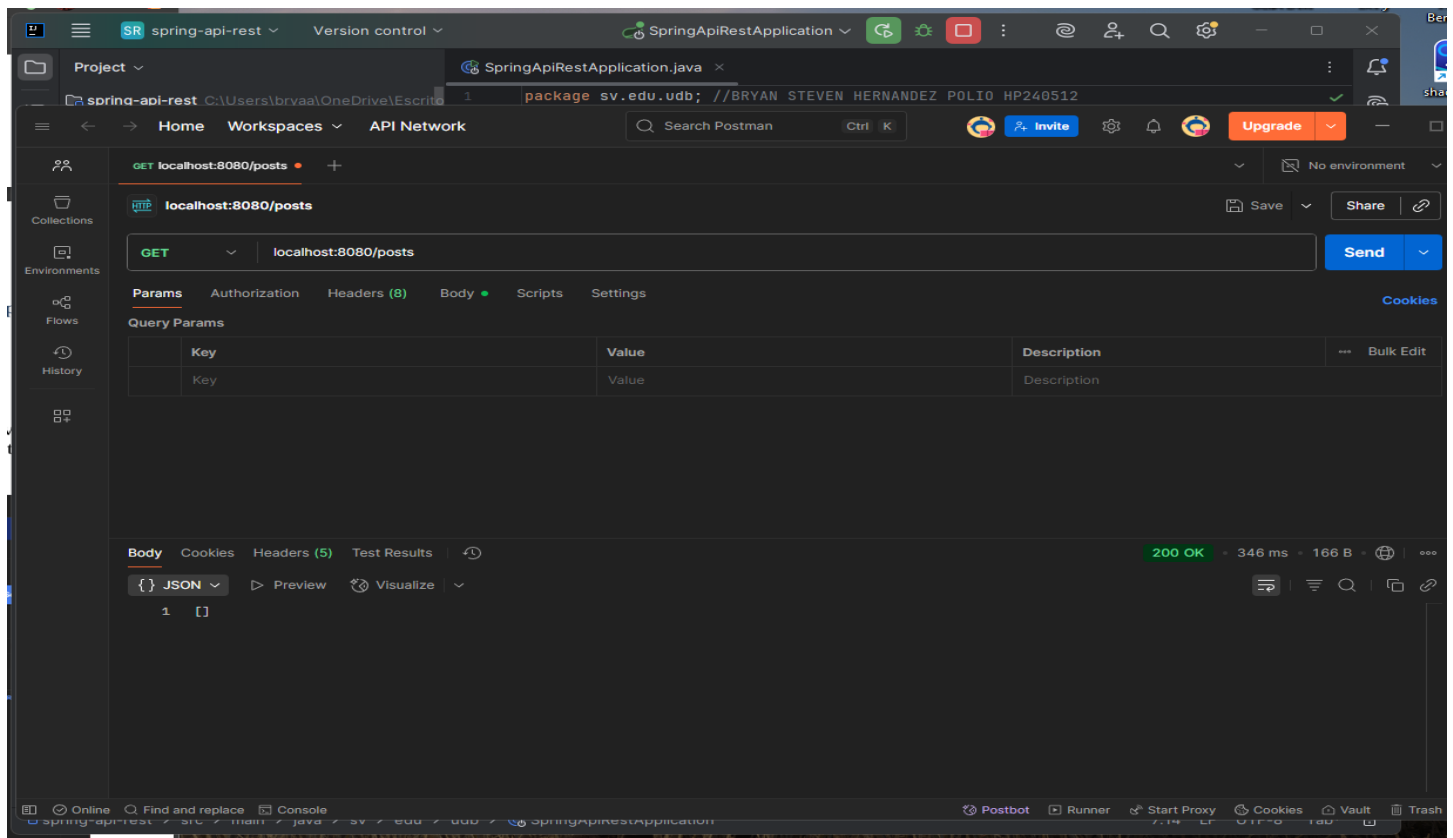
```
package sv.edu.udp; //BRYAN STEVEN HERNANDEZ POLIO HP240512
import ...
@SpringBootApplication
public class SpringApiRestApplication {
    public static void main(String[] args) { SpringApplication.run(SpringApiRestApplication.class, args); }
```

Run SpringApiRestApplication

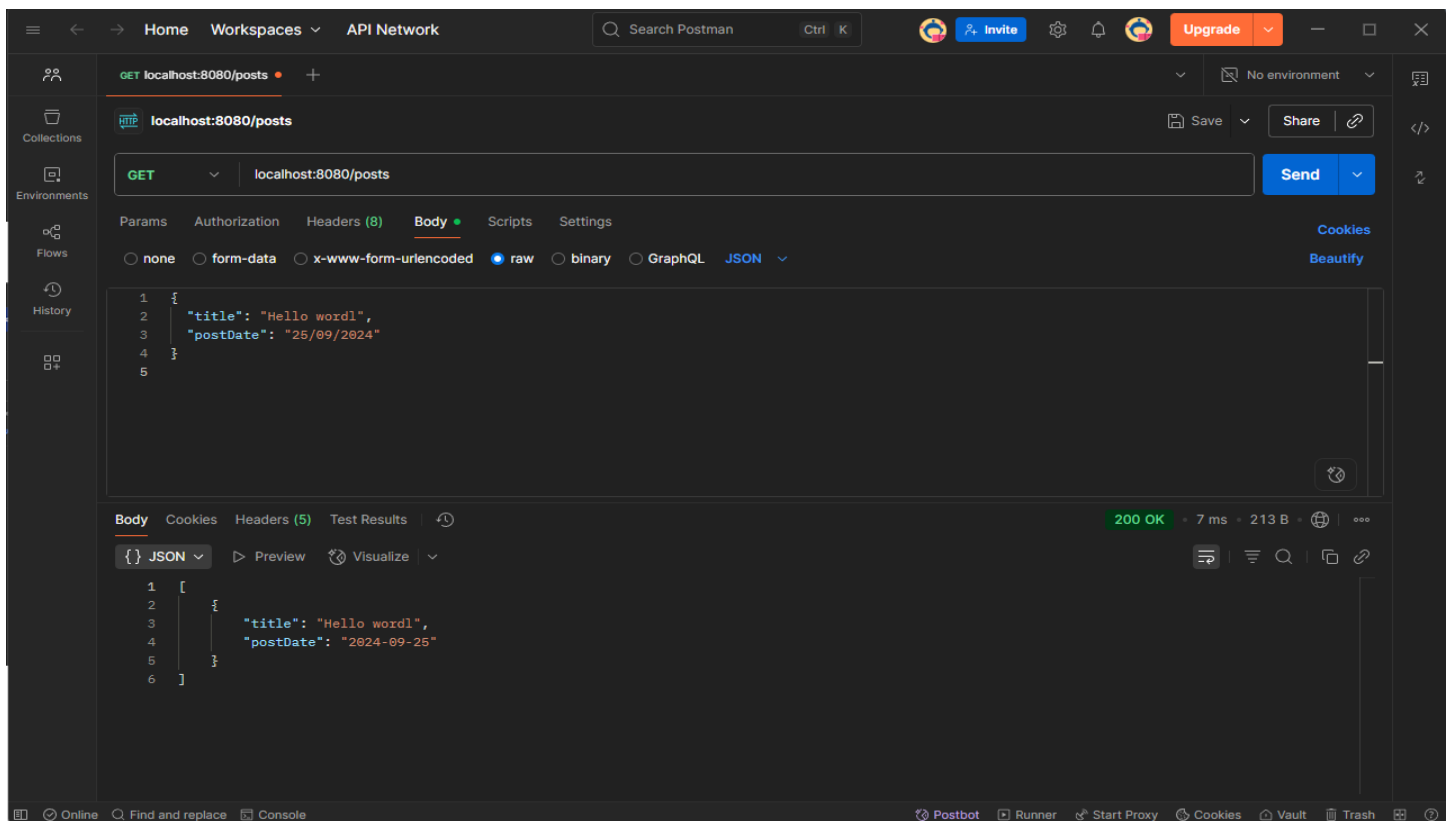
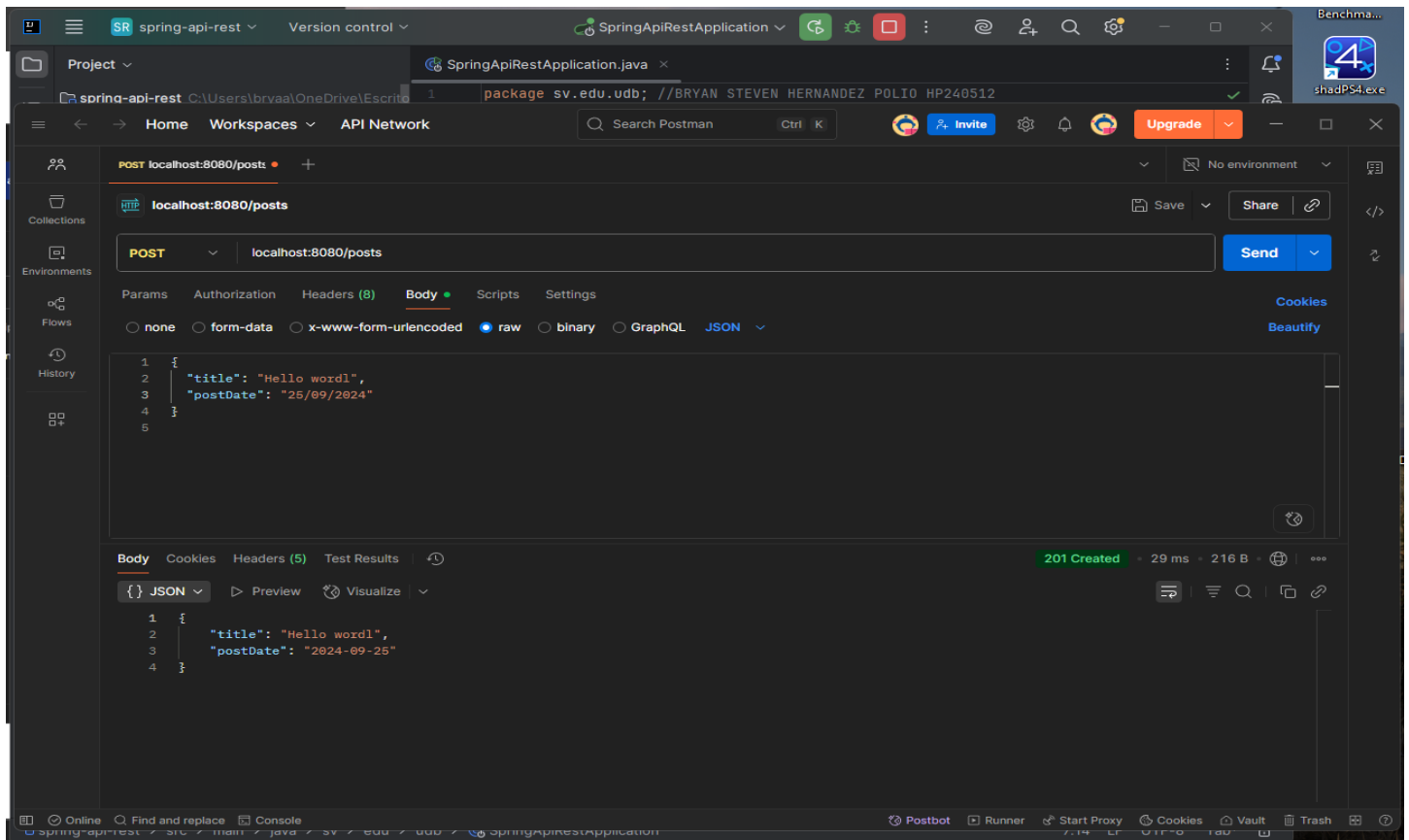
Console

```
2025-08-20T18:15:09.312-06:00 INFO 13960 --- [spring-api-rest] [ restartedMain] org.hibernate.orm.connections.pooling : HHH10001005: Database info:
Database JDBC URL [Connecting through datasource 'HikariDataSource (HikariPool-3)']
Database driver: undefined/unknown
Database version: 2.3.232
Autocommit mode: undefined/unknown
Isolation level: undefined/unknown
Minimum pool size: undefined/unknown
Maximum pool size: undefined/unknown
2025-08-20T18:15:09.349-06:00 INFO 13960 --- [spring-api-rest] [ restartedMain] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000489: No JTA platform available (set 'hibernate.transaction.jta.platform' to enable JTA p
2025-08-20T18:15:09.353-06:00 INFO 13960 --- [spring-api-rest] [ restartedMain] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2025-08-20T18:15:09.393-06:00 WARN 13960 --- [spring-api-rest] [ restartedMain] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database queries may be performed du
2025-08-20T18:15:09.402-06:00 INFO 13960 --- [spring-api-rest] [ restartedMain] o.s.v.b.o.OptionalValidatorFactoryBean : Failed to set up a Bean Validation provider: jakarta.validation.NoProviderFoundException: Unab
2025-08-20T18:15:09.441-06:00 INFO 13960 --- [spring-api-rest] [ restartedMain] o.s.b.a.h2.H2ConsoleAutoConfiguration : H2 console available at '/h2-console'. Database available at 'jdbc:h2:mem:guida-jpa'
2025-08-20T18:15:09.451-06:00 INFO 13960 --- [spring-api-rest] [ restartedMain] o.s.b.a.o.OptionalLiveReloadServer : LiveReload server is running on port 35729
2025-08-20T18:15:09.458-06:00 INFO 13960 --- [spring-api-rest] [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context path '/'
2025-08-20T18:15:09.461-06:00 INFO 13960 --- [spring-api-rest] [ restartedMain] sv.edu.udp.SpringApiRestApplication : Started SpringApiRestApplication in 0.509 seconds (process running for 18.83s)
2025-08-20T18:15:09.461-06:00 INFO 13960 --- [spring-api-rest] [ restartedMain] .ConditionEvaluationDeltaLoggingListener : Condition evaluation unchanged
```

Primera prueba Get de Postman en localhost:



PRUEBAS DE POST MAN:



The screenshot displays the implementation of `PostServiceTest.java` in an IDE. The code is structured as follows:

```

import static org.junit.jupiter.api.Assertions.assertNotNull;
import static org.junit.jupiter.api.Assertions.assertThrows;
import static org.mockito.ArgumentMatchers.any;
import static org.mockito.ArgumentMatchers.anyList;
import static org.mockito.ArgumentMatchers.anyLong;
import static org.mockito.Mockito.doNothing;
import static org.mockito.Mockito.never;
import static org.mockito.Mockito.times;
import static org.mockito.Mockito.verify;
import static org.mockito.Mockito.verifyNoMoreInteractions;
import static org.mockito.Mockito.when;
import org.junit.jupiter.api.BeforeEach;
import org.junit.jupiter.api.Test;
import org.mockito.Mock;
import org.mockito.MockitoExtension;

@ExtendWith(MockitoExtension.class) //Mockito test
class PostServiceTest {

    @InjectMocks //Se utiliza esta anotación para el bean que pondremos a prueba @usages
    private PostServiceImpl postService;

    //Ahora vamos a integrarlas sus dependencias
    //a través de la anotación de mockito @Mock
    //estos son los cascarones(Objeto parcial, base) para que las pruebas
    //del servicio puedan correr sin problemas

    @Mock // @usages
    private PostRepository postRepository;

    @Mock // @usages
    private PostMapper postMapper;

```

The IDE interface shows the project structure on the left, the code editor in the center, and the test results at the bottom. The test results indicate that 6 tests passed, with a total execution time of 1 second and 63 milliseconds.