

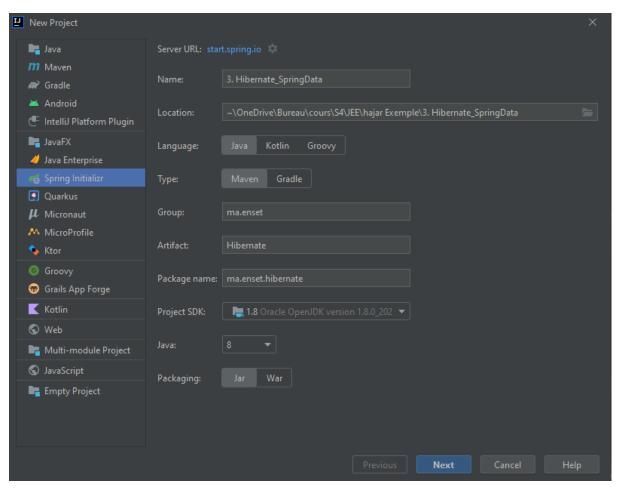


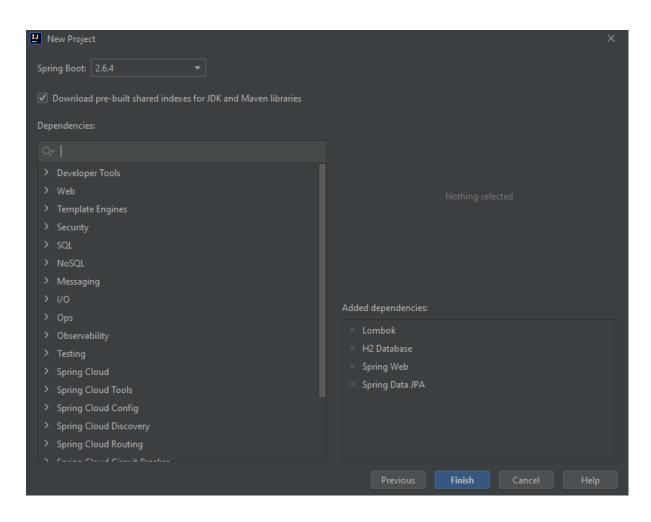
Compte rendu du TP

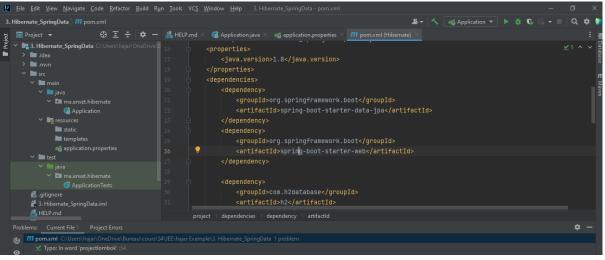
"JEE JPA HIbernate Spring Data"

Compte rendu rédigé par Hajar Zarguan, Étudiante en cycle d'ingénieur: Génie des logiciels et systèmes informatiques distribuées École Normale Supérieure d'Enseignement Technique .

1. Les captures d'écran du projet

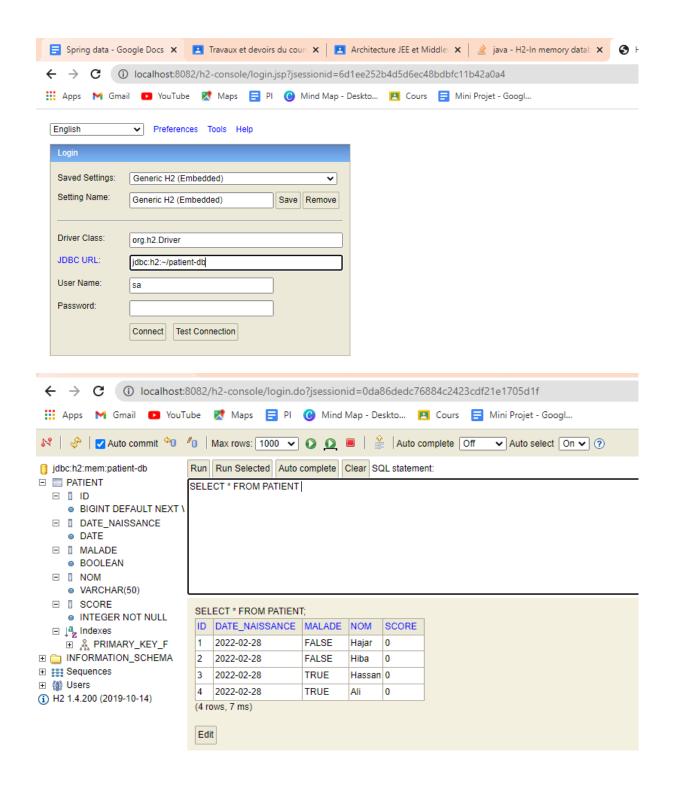






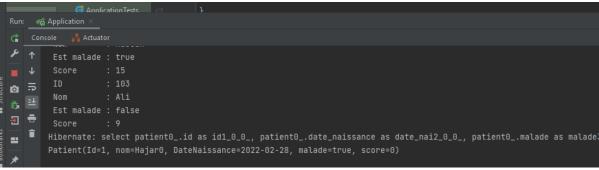
```
import lombok.AllArgsConstructor;
         import lombok.NoArgsConstructor;
         import java.io.Serializable;
         @NoArgsConstructor // lambok va ajouter un constructeur sans parametre
    9
        public class Patient implements Serializable {
         @GeneratedValue(strategy = GenerationType.IDENTITY)
    (Sp
    0
    0
<u>File Edit View Navigate Code Refactor Build Run Jools VCS Window Help</u> 3. Hibernate SpringData - PatientRepository.java
. Hibernate_SpringData 
angle src 
angle main 
angle java 
angle ma 
angle enset 
angle hibernate 
angle repositories 
angle f{0} PatientRepository
                                                                                                    3. Hibernate_SpringData C:\Users\hajar\OneDrive\B 1
                                            package ma.enset.hibernate.repositories;
             6 Application
```

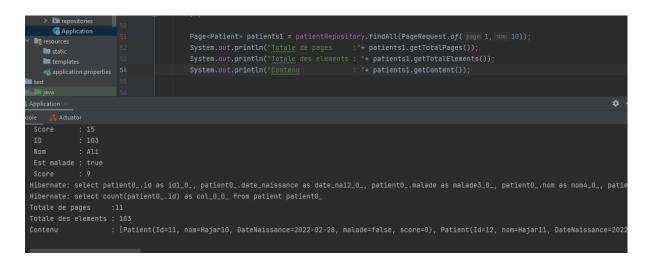
```
🙀 🛂 2022-02-28 15:06:35.989 INFO 10520 --- [
      2022-02-28 15:06:35.996 INFO 10520 --- [
2022-02-28 15:06:37.643 INFO 10520 --- [
2022-02-28 15:06:37.758 INFO 10520 --- [
                                                                                                                               : No active profile set, falling back to 1 default
                                                                     main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DE main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 93 m main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8082 (http)
       2022-02-28 15:06:39.758 INFO 10520 ---
2022-02-28 15:06:39.759 INFO 10520 ---
                                                                      main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationConte main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization compl main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
       2022-02-28 15:06:39.906 INFO 10520 --- [ 2022-02-28 15:06:39.906 INFO 10520 --- [
                                                                                                                               : HikariPool-1 - Starting...
: HikariPool-1 - Start completed.
                                                                      main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name:
                               application.properties
                    import lombok.Data;
                    import lombok.NoArgsConstructor;
                    /// Java Bean
                    @NoArgsConstructor // lambok va ajouter un constructeur sans parametre
                    @AllArgsConstructor// lambok
           9
                    public class Patient implements Serializable {
                    @GeneratedValue(strategy = GenerationType.IDENTITY)
      16 😘
                            private Long Id;
                            @Column(length = 50)
      18 📵
                            private String nom ;
                            @Temporal(TemporalType.DATE)
                            private Date DateNaissance;
```

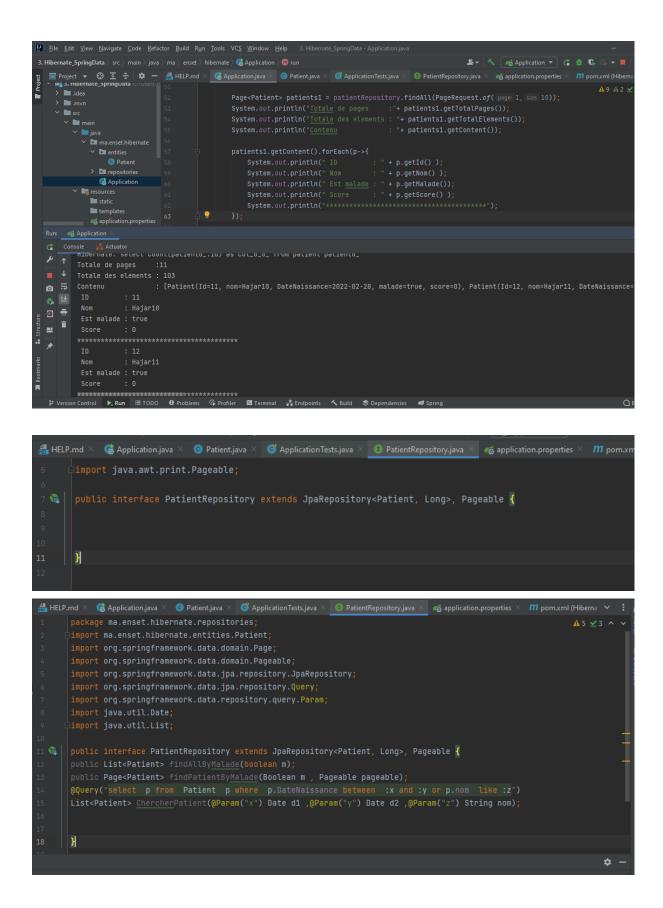


```
patientRepository.save(new Patient( ld: null, nome "Ali",d , Math.random()>0.5?true:false , score 9 ));

List<Patient> patients = patientRepository.findAll();
patients.forEach(p->{
    System.out.println(" ID : " + p.getId() );
    System.out.println(" Nom : " + p.getNom() );
    System.out.println(" Est malade : " + p.getMalade());
    System.out.println(" Score : " + p.getScore() );
});
Patient p = patientRepository.findById(1L).orElseThrow(()->new RuntimeException(){});
System.out.println(p.toString());
```







```
| Testurces | Supplication properties | Application | Testurces | Supplication | Testurces | Supplication | Testurces | Supplication | Testurces | Tes
```