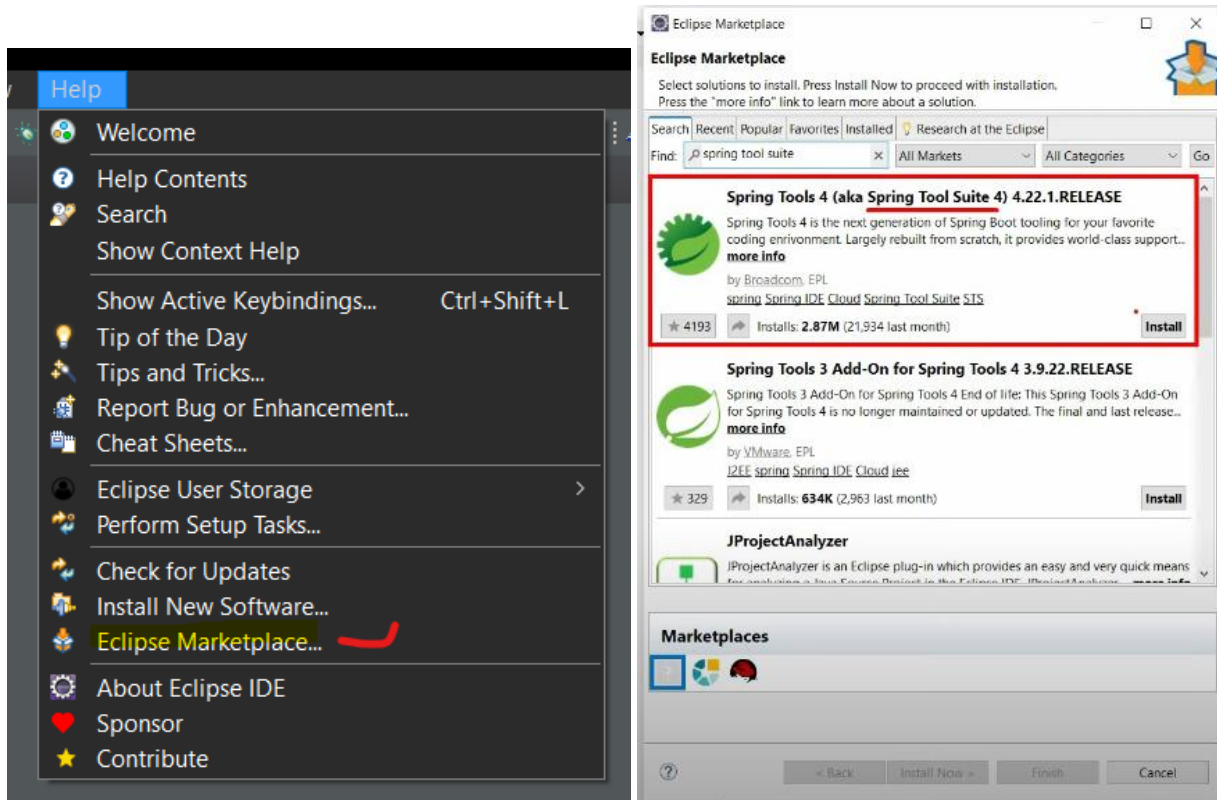
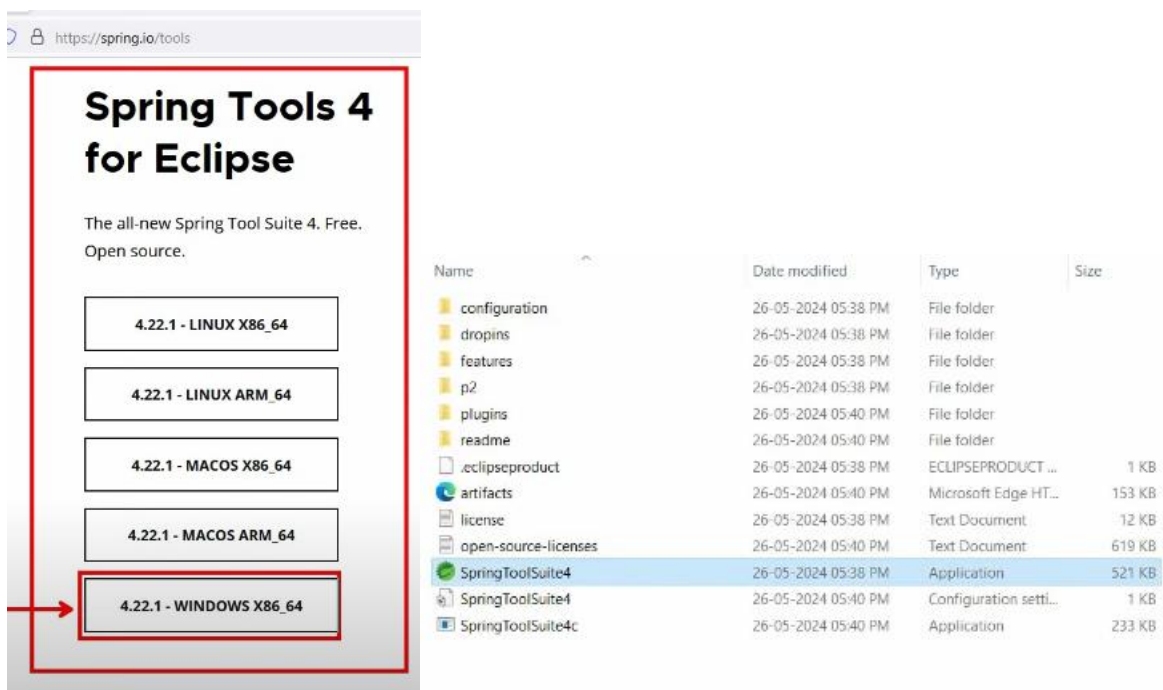


# STS ide Installation/Spring with hibernate

Goto eclipse help

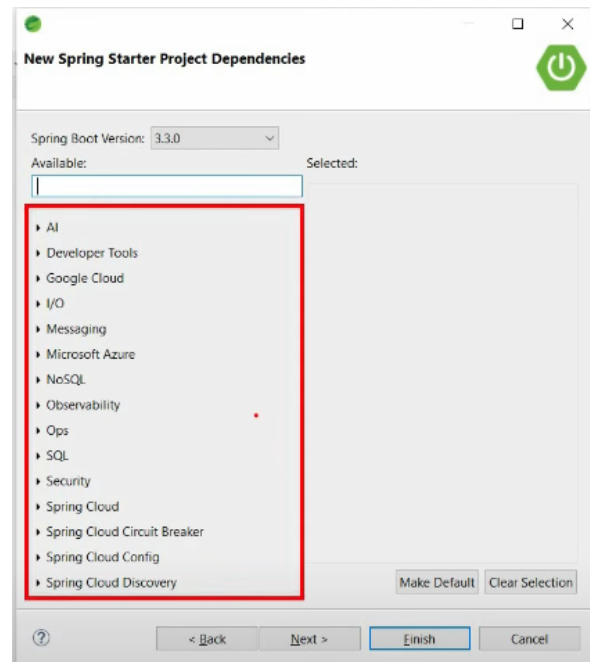
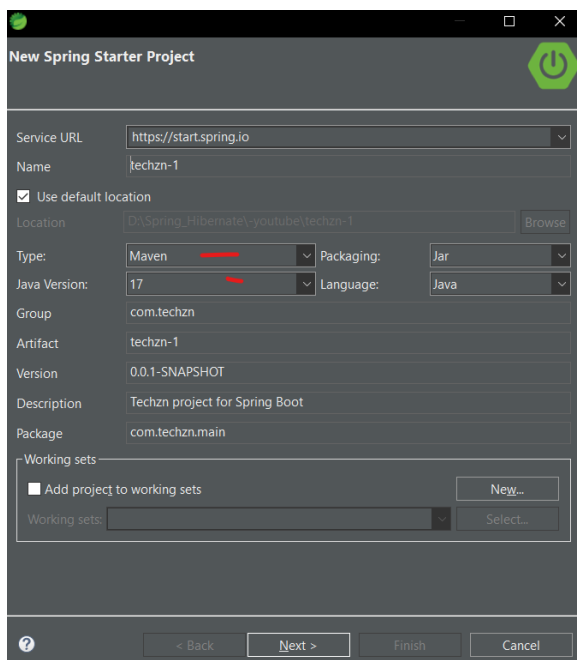
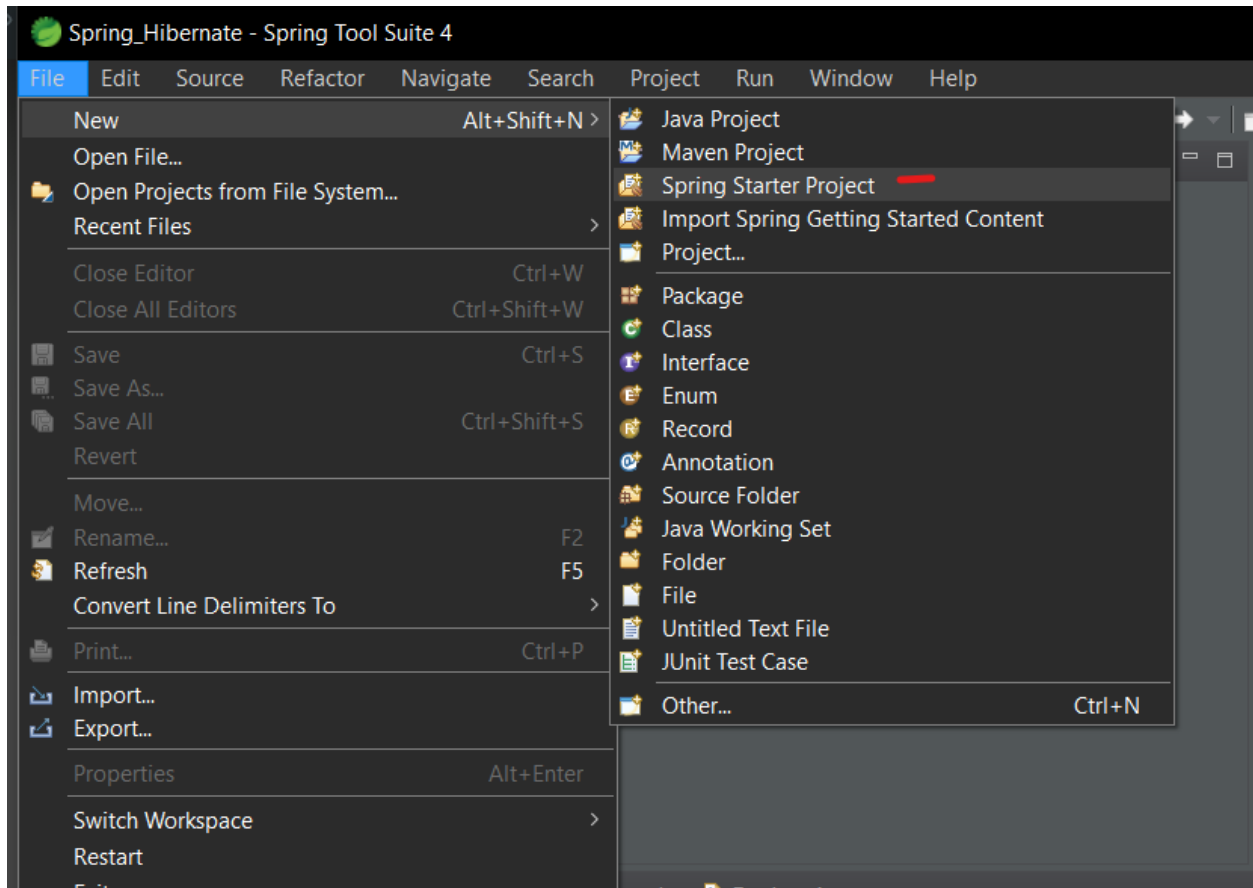


If we use direct sts ide



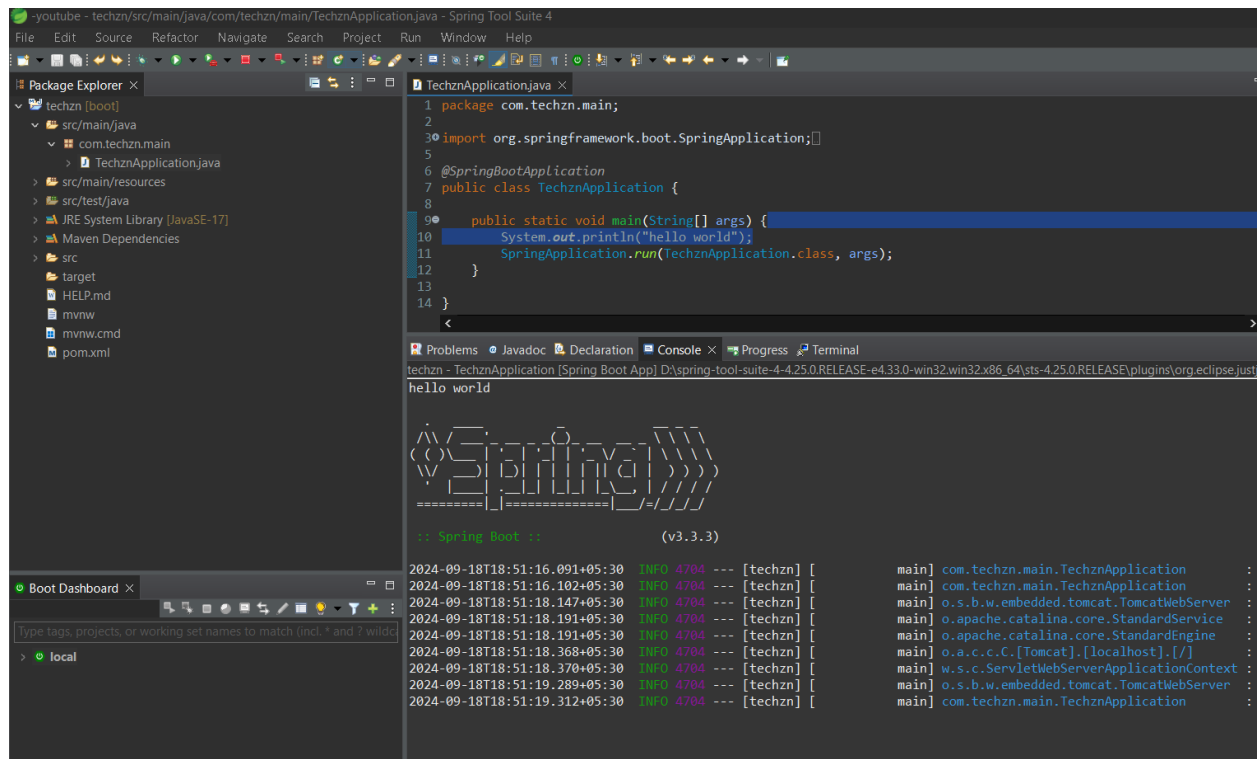
# STS ide Installation/Spring with hibernate

Double click and start...



Taking some time for loading

# STS ide Installation/Spring with hibernate



```
1 package com.techzn.main;
2
3 import org.springframework.boot.SpringApplication;
4
5 @SpringBootApplication
6 public class TechznApplication {
7
8     public static void main(String[] args) {
9         System.out.println("hello world");
10        SpringApplication.run(TechznApplication.class, args);
11    }
12 }
13
14
```

hello world

Spring Boot (v3.3.3)

2024-09-18T18:51:16.091+05:30 INFO 4704 --- [techzn] [main] com.techzn.main.TechznApplication : main

2024-09-18T18:51:16.102+05:30 INFO 4704 --- [techzn] [main] com.techzn.main.TechznApplication : main

2024-09-18T18:51:16.147+05:30 INFO 4704 --- [techzn] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : main

2024-09-18T18:51:18.191+05:30 INFO 4704 --- [techzn] [main] o.apache.catalina.core.StandardService : main


2024-09-18T18:51:18.191+05:30 INFO 4704 --- [techzn] [main] o.apache.catalina.core.StandardEngine : main

2024-09-18T18:51:18.368+05:30 INFO 4704 --- [techzn] [main] o.a.c.c.C.[Tomcat].[localhost].[/] : main

2024-09-18T18:51:18.370+05:30 INFO 4704 --- [techzn] [main] w.s.c.ServletWebServerApplicationContext : main

2024-09-18T18:51:19.289+05:30 INFO 4704 --- [techzn] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : main

2024-09-18T18:51:19.312+05:30 INFO 4704 --- [techzn] [main] com.techzn.main.TechznApplication : main



In Spring Boot, it's not recommended to use Spring Boot with Hibernate Directly, instead it's recommended to use Spring Data JPA.

Why Spring Data JPA?

1. Hibernate as Default:  
-> Spring Data JPA automatically integrates Hibernate as the default JPA provider, so we don't need to work directly with Hibernate.
2. Simplifies Data Access:  
-> It handles boilerplate code like entity mapping, CRUD operations and repository management, allowing us to focus more on the business logic.
3. Built-in Query Support:  
-> It provides methods like findAll, save, and supports custom query methods by just defining method signatures.

JPA & Spring Data JPA are deeply explained in next tutorial....

