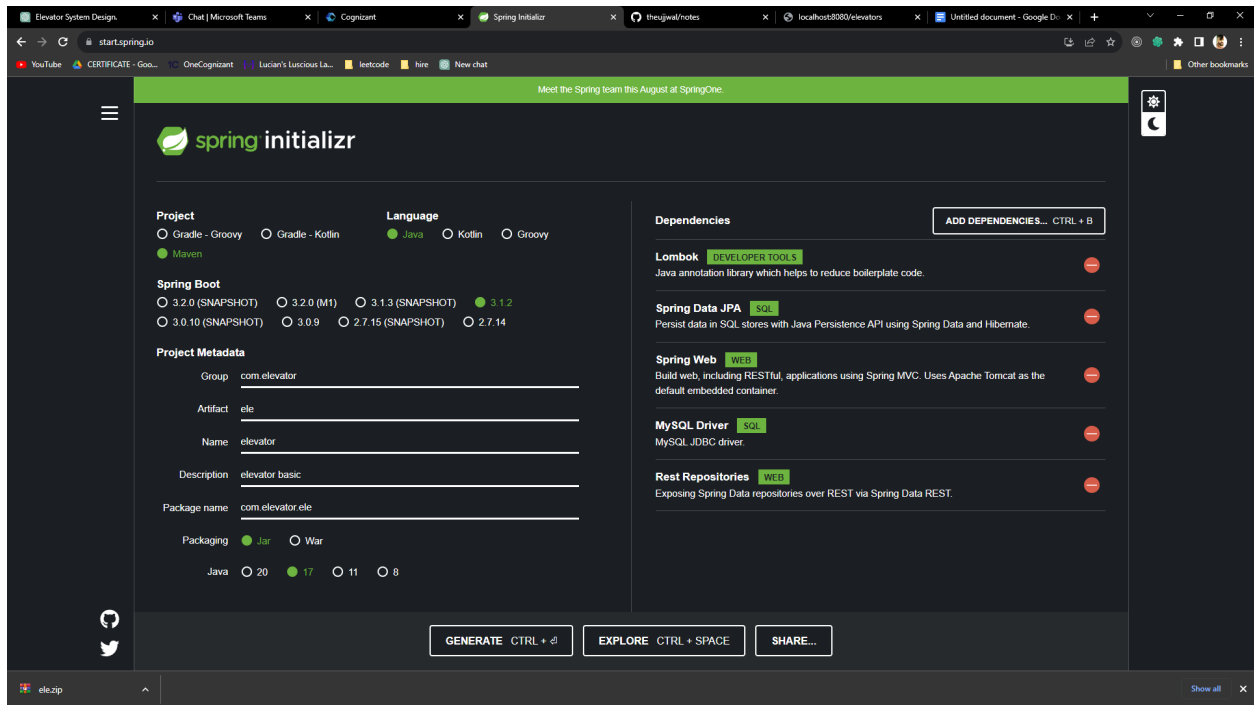# Spring started app requirement dependencies

This would help us access the endpoints with create controller

Then for sql connection

```
spring.datasource.url=jdbc:mysql://localhost:3306/elevator_system
spring.datasource.username=root
spring.datasource.password=root
spring.jpa.hibernate.ddl-auto=create
spring.jpa.show-sql=true
spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MySQLDialect
```

Before this create table in schema as elevator system with create table query
Then add constructors in entity class and for testing you can use

```java
usage
@SpringBootApplication
public class ElevatorApplication implements CommandLineRunner {

    4 usages
    private final ElevatorRepository elevatorRepository;

    public ElevatorApplication(ElevatorRepository elevatorRepository) {
        this.elevatorRepository = elevatorRepository;
    }

    public static void main(String[] args) { SpringApplication.run(ElevatorApplication.class, args); }

    @Override
    public void run(String... args) throws Exception {
        // Insert demo data
        elevatorRepository.save(new Elevator( currentFloor: 1, Direction.UP));
        elevatorRepository.save(new Elevator( currentFloor: 3, Direction.DOWN));
        elevatorRepository.save(new Elevator( currentFloor: 5, Direction.UP));
    }
}
```

Make sure you have repository in place