**Q1)** @RestController

**Q2)** @GetMapping

**Q3)** Difference between application.properties vs yml? ->

**Q4)** Can we save both in a single project application.properties vs yml? -> yes

**Q5)** created\_at , updated\_by or first\_name -> so for this type entity will automatically read in the form camelCase we don’t need to write explicitly for exa:- LocalDateTime createdAt, String firstName.

We don’t need to write this way

Column(“first\_name)

String firstName

**Q6)** **@MappedSuperclass -> this will act as a super entity in other jpa class if I will extend.**

**Q7)** @Getter @Setter @ToString @AllArgsConstructor @NoArgsConstructor**-> Lombok**

**Q8)**@Column(updatable = **false**) -> Do not update this column at the time of update.

**Q9)**@Column(insertable = **false**) -> Do not insert this column data at the time of insert

**Q10)**@Id

@GeneratedValue(strategy = GenerationType.***IDENTITY***)

@Column(name="customer\_id")

@Entity

**JPA**

**Q11)** @Repository-> **this annotation is optional**

**Q12) What is DTO(Data Transfer Object) design pattern?->** **https://martinfowler.com/eaaCatalog/dataTransferObject.html**

**Q13) What is Load Balencer? -> Basically it is used for server scalling.**

**Q14) What is JFROG? -> Basically it is used for artifact repository.**

**Q15) Difference between Virtual Machine vs Docker? -> VM sized is fixed but docker will increase the size according to requirement.**

**Q16) What is SOLID principle?**

**Q17) What is Design Pattern?**

**Q18) What is @ResponseStatus annotation in spring boot exception? -> basically it is used to send the status of particular exception like 404,403 etc…**

**Q19) What is @ControllerAdvice and @RestControllerAdvice? -> it is used for global exception handling.**

**Q20) What is @ExceptionHandler annotation? -> it is used for handling the exception in global exception handler. Like @ExceptionHandler(abc.class)**