INSERT DATA FROM BROWSER to MYSQL
          Possibilities

Front end	Back end
HTML static ---SERVLET	JDBC
HTML dynamic ----SERVLET	JDBC
JSP	JDBC
JSP -----MVC Controller	JDBC
JSP -----MVC Controller	JDBC Template
JSP ---MVC Controller	JPA
POSTMAN ---RESTCONTROLLER	JDBC
POSTMAN --RESTCONTROLLER	JDBC Template
POSTMAN -REST CONTROLLER	JPA

SHOW DATA FROM MYSQL to BROWSER

Front end	Back end
HTML static ---SERVLET	JDBC
HTML dynamic ----SERVLET	JDBC
JSP	JDBC
JSP -----MVC Controller	JDBC
JSP -----MVC Controller	JDBC Template
JSP ---MVC Controller	JPA
POSTMAN ---RESTCONTROLLER	JDBC
POSTMAN --RESTCONTROLLER	JDBC Template
POSTMAN -REST CONTROLLER	JPA

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IF you want to put the repositories and entities in different packages
@EnableRepositories({"packages"}
@EnableEnityScan ({ "packages "})

@ComponentScan

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 Single Table !!!! ACCESS ---- using Entity !!!!

When two or more tables are having foreign key relationships between tables ------------
    - One to one

- Many to many
- One to many
- Many to one

How to achieve the table relations using Hibernate and JPA !!!

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Find By Id = already present in the JPARepository

But if I want to find by a **particular column name** ----- WE have to add **FINDER** methods in the JPARepository!!!

FINDER method must have a name constructed as follows ---

List   find + **B**y + **P**ropertyName(PropertyType v)

List findByName(String v)

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Bidirectional   One User has One UserProfile
Uni Directional   One Employee has One Department

One to One Relationship between two tables --------------
      DB LEVEL Structure ----

            User   --------------- userid, uname, password
            UserProfile -------------profileId firstname lastname address email phone
            dob ,userid

            User ----

userid	Username	Password
1	prachi	123
2	sneha	456
3	Yadnesh	789

            User Profile

profileId	Fn	Ln	Addr	Email	Dob	userid (unique) - Foreign Key
1	Prachi	G	Pune	p@abc	12/12/2012	1
2	PPP	GGG	PPPPP	Sdlksl	Glkfg	3
3	QQQ	OOO	WWW	Dfjk	Kdj	1 (WRONG)

      2 Entities User , UserProfile
      OneToOne

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Parent -------------------Child
User----------------------UserProfile (FK column is added here)

CASCADE - INSERT ---- When a row is added in PARENT i**n the same flow** add the row in CHILD
CASCADE -DELETE ---- When the parent row is removed **in the same flow** remove the child row

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One To Many Relationship between tables -----------

Story Book <-------------------->Story

StoryBook

bookId	bookName	cost	publisherName
1	Panchtantra	200	Abc
2	IsaapNiti	300	PQR

Story

storyId	storyName	storyAuthor	bookId (Forein Key)
1	Ekanek	AAA	1
2	Tit for tat	BBB	1
3	sss	Aaa	2
4	rrr	Hhh	2
5	uuu	Www	1