Tech stack:

back end:

language: java, default server

framework: spring boot,

database: MySQL

front end:

language : hmtl, css, typescript , javascript

framwrok: angular, node.js

java code ------ framework ----> database connectivity, security, restapi , default serve (Tomcat) 8081

Layer:

Entity layer

**Java code**

Database

Server (Tomcat) – port number

RestApi

Spring framework – mvc – database – security – server

Jdbc ------- sql query , jpa --

Serve side (back end) -----http response----🡪 API 🡨---- http request -------- user UI

Hibernate -----

Crud – create , read , update , delete

Create – Post mapping/method

Read - Get mapping/method

Update – Put mapping/method

Delete – Delete mapping/method

Model layer --------- enitity

Repository layer ------------- database related

Controller layer --------- Restapi related

Service layer ----------- business logic

Springboot la ellame annotatiton

Class student{

Int id;

Istring name;

String depat;

Get set

}

Public string sample{

String message = “sample message”;

return message;

}

Public student sample {

Main{

Student stu = new Student();

Sample sam = new Sample();

Stu.setid(1);

Stu.setname(“hasna”);

Stu.setdept(“cs”);

Return stu;}

Test{

}

}

Public sample(int id, string name){

]}

List<integer> ls = new Arraylist<interger>

Co1 = null co2 = asdfghjk

Co1.isEmpty(); - ---------- true

Co1.ispresent(); -----------fasle

Co2.isempty(); ---------- fasle

Co2.Ispresent(); -------- true

If(true){