

REST API using Java Spring Boot

SangamOne Connected Services

Assignment R0- Test

Welcome to learning Java Spring boot

Build REST API to display a welcome message to all students. DB not required

1. Install STS for Java Spring Boot development.
2. Use Controller class
3. Use HTTP GET method
4. Use Postman for testing, create request, create collection, set env variable
5. Create GitHub repo, invite collaborator
6. Deploy on Cloud - Veeble or AWS

Ref: <https://funwithprogramming.com/java1.html>

Assignment R1 - Delhi Public School



**Congratulations for getting 100%
results in CBSE**

Build REST API to display a welcome message to all the students and parents who visit DPS website. DB not required

1. Install STS for Java Spring Boot development.
2. Use Controller class
3. Use Entity class
4. Use HTTP GET method
5. Use Postman for testing, create request, create collection, set env variable
6. Create GitHub repo, invite collaborator
7. Deploy on Cloud - Veeble or AWS

Ref: <https://funwithprogramming.com/java1.html>

Assignment R2 - Stationery Shop Monthly Sales



Saket - Rs 45,000
RKPuram - Rs 82,000

Build REST API to show monthly sales data of 4 different stationery shops in Delhi owned by Mr Sharma at KarolBagh, VasantKunj, Saket and RKPuram.

1. DB-table name sales with fields shopname, datetime, amount
2. Insert into DB through SQL command sales data for 1 month for 4 shops.
3. Sum the data for each shop for a particular month and particular year.
4. Use Controller class
5. Use Entity class
6. Use Repo class
7. Use HTTP GET method with 2 params - shopname and yearmonth - eg Saket, 202304

Ref: <https://funwithprogramming.com/java1.html>

Assignment R3- Uttarakhand Flood Donation Collection



**Total Contribution = Rs 20.50 lakhs
as on dd-MMM-yyyy**

Build REST API to display Uttarakhand Floods Donation Collection. Employees of Govt and private companies can voluntarily declare amount of money they are will to give for PM Relief Fund.

1. DB-table name collection with fields name, phone number, amount
2. Use Controller class
3. Use Entity class
4. Use Repo class
5. Use HTTP POST method to send name, phone number and donation amount to DB.
6. Use HTTP GET method to show total collection of donation.

Ref: <https://funwithprogramming.com/java1.html>

Assignment R4- National Elections

Assignment R5 - Railway Reservation

Assignment R6

Assignment R7

Assignment R8

Assignment R9

Assignment R10

Assignment R11

Assignment R12

Assignment R13

Assignment R14

Assignment R15

Assignment R16

Assignment R17

Assignment R18

Assignment R19

Assignment R20