Setup and Execution instructions for Notes App.

Softwares
- Spring boot
- Java
- AngularJS
- HTML
- JavaScript
- Eclipse IDE

Setup
- Download the code for github repository
  - Repository -https://github.com/gayanigupta/NotesApp
- Import project as existing maven project
- Select **com.gayanigupta.springboot/NotesApiApp.java** class and run as application (This will start the server)
- Run Notes App (Either using curl or postman) , all api's in your requirement should work
- Screenshot of postman with Get route…(as shown below in appendix)

Backend

Overview
Backend application has routes to update, get, create and delete notes. The route supported are:
- http://localhost:8080/api/notes (GET)
- http://localhost:8080/api/notes/1 (GET)
- http://localhost:8080/api/notes (POST)
- http://localhost:8080/api/notes/1 (DELETE)
- http://localhost:8080/api/notes/1 (PUT)

Description
The application is currently persisting the data in a list and not in database. So notes are accessible only when the application runs. Once execution is stop they get erased from memory. If we want to persist these notes we can always extend the application to store this in database.

Execution Instruction
- Use CURL
- Use Postman (as shown below in appendix)

Front End

Overview`

This part of project interact with GitHub API and retrieve issues from angular repository for past seven days. In the current implementation dates is dynamically set to retrieve issues created from past 7 days based on current date. This can be updated if needed to get an user input around date change.

Description

AngularJS and HTML is used to interact with github API.

Execution Instruction
- Download the project from https://github.com/gayanigupta/NotesApp
- Import the project via eclipse as existing Maven project
- Select **com.gayanigupta.springboot/NotesApiApp.java class.** And click run as server
- Open browser
- Enter http://localhost:8080
- You can see the issues listed in HTML table which are created from past 7 days.
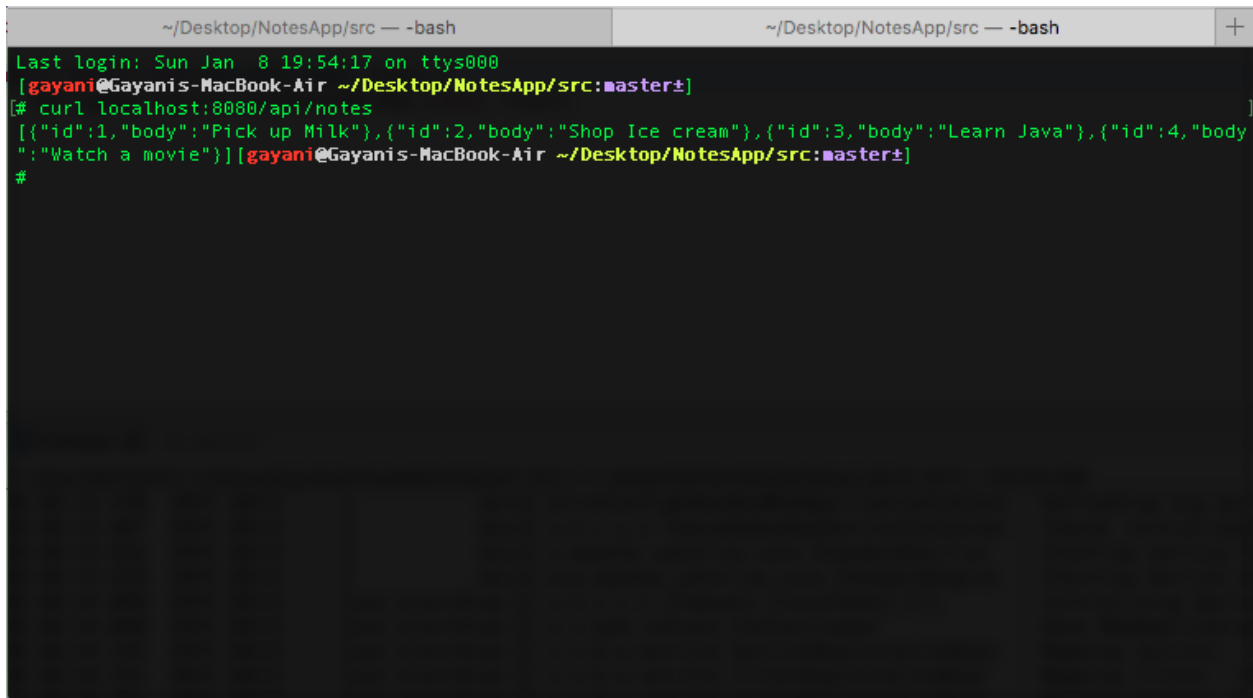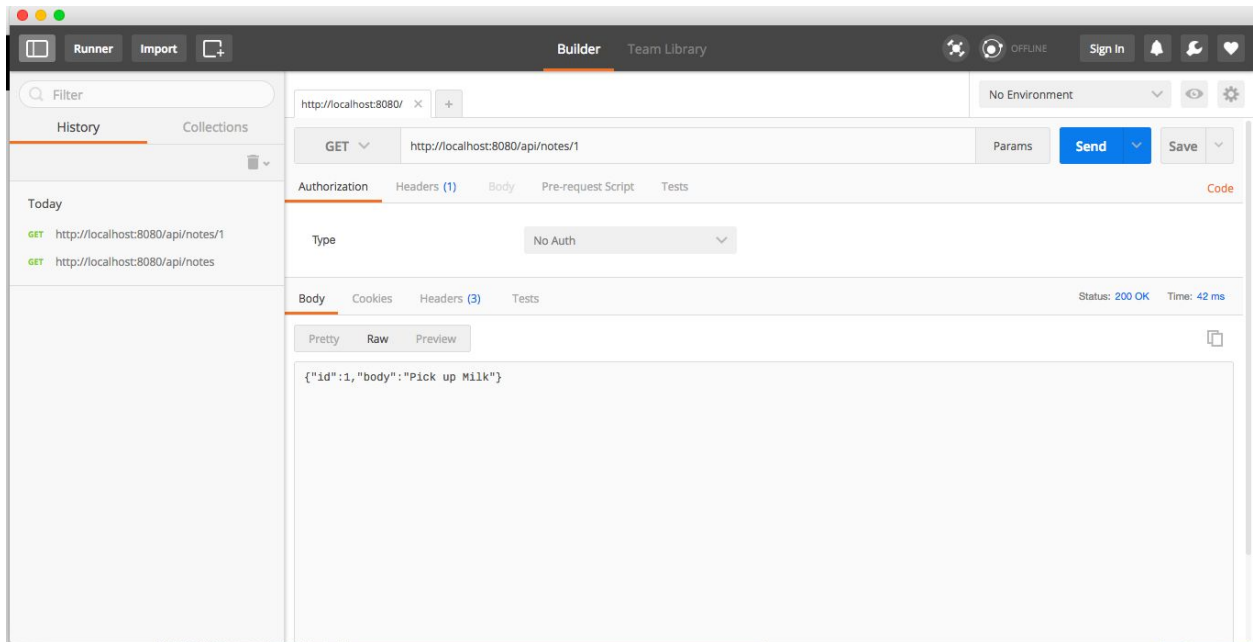
Appendix

{"id":1,"body":"Pick up Milk"}

```
Last login: Sun Jan  8 19:54:17 on ttys000
[gayani@Gayanis-MacBook-Air ~/Desktop/NotesApp/src:master±]
[# curl localhost:8080/api/notes
[{"id":1,"body":"Pick up Milk"},{"id":2,"body":"Shop Ice cream"},{"id":3,"body":"Learn Java"},{"id":4,"body
":"Watch a movie"}][gayani@Gayanis-MacBook-Air ~/Desktop/NotesApp/src:master±]
#
```

Github Angular Issues

localhost:8080

Issue Title	Body	User Login	
feat(NgZone): context/arguments pass to zone cb	**Please check if the PR fulfills these requirements** - [x] The commit message follows our guidelines: https://github.com/angular/angular/blob/master/CONTRIBUTING.md#commit - [ ] Tests for the changes have been added (for bug fixes / features) - [ ] Docs have been added / updated (for bug fixes / features) **What kind of change does this PR introduce?** (check one with "x") ``` [ ] Bugfix [ ] Feature [ ] Code style update (formatting, local variables) [ ] Refactoring (no functional changes, no api changes) [ ] Build related changes [ ] CI related changes [ ] Other... Please describe: ``` **What is the current behavior?** (You can also link to an open issue here) you don't **What is the new behavior?** **Does this PR introduce a breaking change?** (check one with "x") ``` [ ] Yes [ ] No ``` If this PR contains a breaking change, please describe the impact and migration path for existing applications: ... **Other information**: allow using `runOutsideAngular`/`run`/`runGuarded` without having to recreate the function during each call	gdi2290	
Broken links on Angular GitHub Projects page	<!-- IF YOU DON'T FILL OUT THE FOLLOWING INFORMATION WE MIGHT CLOSE YOUR ISSUE WITHOUT INVESTIGATING --> **I'm submitting a ...** (check one with "x") ``` [x] bug report => search github for a similar issue or PR before submitting [ ] feature request [ ] support request => Please do not submit support request here, instead see https://github.com/angular/angular/blob/master/CONTRIBUTING.md#question ``` **Current behavior** <!-- Describe how the bug manifests. --> Links on the [Projects](https://github.com/angular/angular/projects) page of Angular Github repository don't open relevant pages. For example, if you click on **go/ng-priorities**, it leads nowhere. **Expected behavior** <!-- Describe what the behavior would be without the bug. --> Links should open the correct page. **Browser:** <!-- All browsers where this could be reproduced --> All.	valera-rozuvan	
fix(forms): setValue/patchValue updates control only when value has changed	Closes #13835	DzmitryShylovich	
fix(router): RouterLink mirrors input `target` as attribute	Closes #13837 Description: When we use input binding ``` <a [routerLink]="['/child']" [target]="'_blank'">Failing 1 ``` the actual dom element doesn't have `target` attribute this is why the link doesn't open in a new tab.	DzmitryShylovich	
	<!-- IF YOU DON'T FILL OUT THE FOLLOWING INFORMATION WE MIGHT CLOSE YOUR ISSUE WITHOUT INVESTIGATING --> **I'm submitting a ...** (check one with "x") ``` [x] bug report => search github for a		