Step 1: Launch the Application under test

- Go to github URL https://github.com/Simplilearn-Edu/SportyShoes.git
- Click on Green button which has Code written on it. Click on Download Zip
- The download zip file will be in your download folder
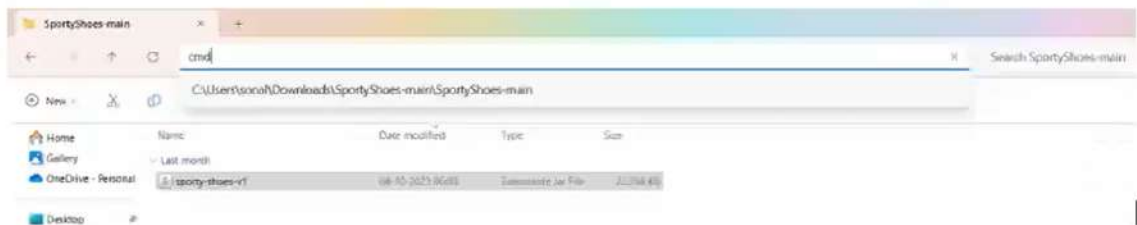- Extract all the files in downloads folder

Go inside the folder SportyShoes-main and then again go in the folder SportyShoes-main

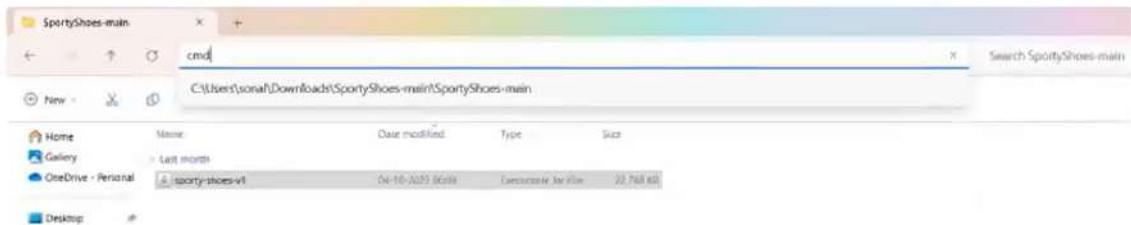Go inside the folder where you see the sporty-shoes-v1 jar file

Start cmd prompt in the same folder

Start cmd prompt in the same folder

```
Microsoft Windows [Version 10.0.22621.2428]
(c) Microsoft Corporation. All rights reserved.

C:\Users\sonal\Downloads\SportyShoes-main\SportyShoes-main>java -jar sporty-shoes-v1.jar

  .   ____          _            __ _ _
 /\\ / ___'_ __ _ _(_)_ __  __ _ \ \ \ \
( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
 \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
  '  |____| .__|_| |_|_| |_\__, | / / / /
 =========|_|==============|___/=/_/_/_/
 :: Spring Boot ::               (v2.7.14)

2023-11-14 07:26:16.880  INFO 32948 --- [           main] c.s.sportyshoes.SportyShoesApplication   : Starting SportyShoesApplication vv1 using Java 11.0.16
on LAPTOP-DOBLN3AU with PID 32948 (C:\Users\sonal\Downloads\SportyShoes-main\SportyShoes-main\sporty-shoes-v1.jar started by sonal in C:\Users\sonal\Downloa
ds\SportyShoes-main\SportyShoes-main)
2023-11-14 07:26:16.880  INFO 32948 --- [           main] c.s.sportyshoes.SportyShoesApplication   : No active profile set, falling back to 1 default profil
e: "default"
2023-11-14 07:26:19.668  INFO 32948 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat initialized with port(s): 9010 (http)
2023-11-14 07:26:19.715  INFO 32948 --- [           main] o.apache.catalina.core.StandardService   : Starting service [Tomcat]
2023-11-14 07:26:19.715  INFO 32948 --- [           main] org.apache.catalina.core.StandardEngine  : Starting Servlet engine: [Apache Tomcat/9.0.78]
2023-11-14 07:26:20.013  INFO 32948 --- [           main] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring embedded WebApplicationContext
2023-11-14 07:26:20.013  INFO 32948 --- [           main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in
 2918 ms
2023-11-14 07:26:20.673  INFO 32948 --- [           main] o.s.b.a.w.s.WelcomePageHandlerMapping    : Adding welcome page template: index
2023-11-14 07:26:20.989  INFO 32948 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer  : Tomcat started on port(s): 9010 (http) with context pat
h ''
2023-11-14 07:26:21.003  INFO 32948 --- [           main] c.s.sportyshoes.SportyShoesApplication   : Started SportyShoesApplication in 5.211 seconds (JVM ru
nning for 6.453)
2023-11-14 07:26:40.130  INFO 32948 --- [nio-9010-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring DispatcherServlet 'dispatcherServle
t'
2023-11-14 07:26:40.130  INFO 32948 --- [nio-9010-exec-1] o.s.web.servlet.DispatcherServlet        : Initializing Servlet 'dispatcherServlet'
2023-11-14 07:26:40.147  INFO 32948 --- [nio-9010-exec-1] o.s.web.servlet.DispatcherServlet        : Completed initialization in 17 ms
```
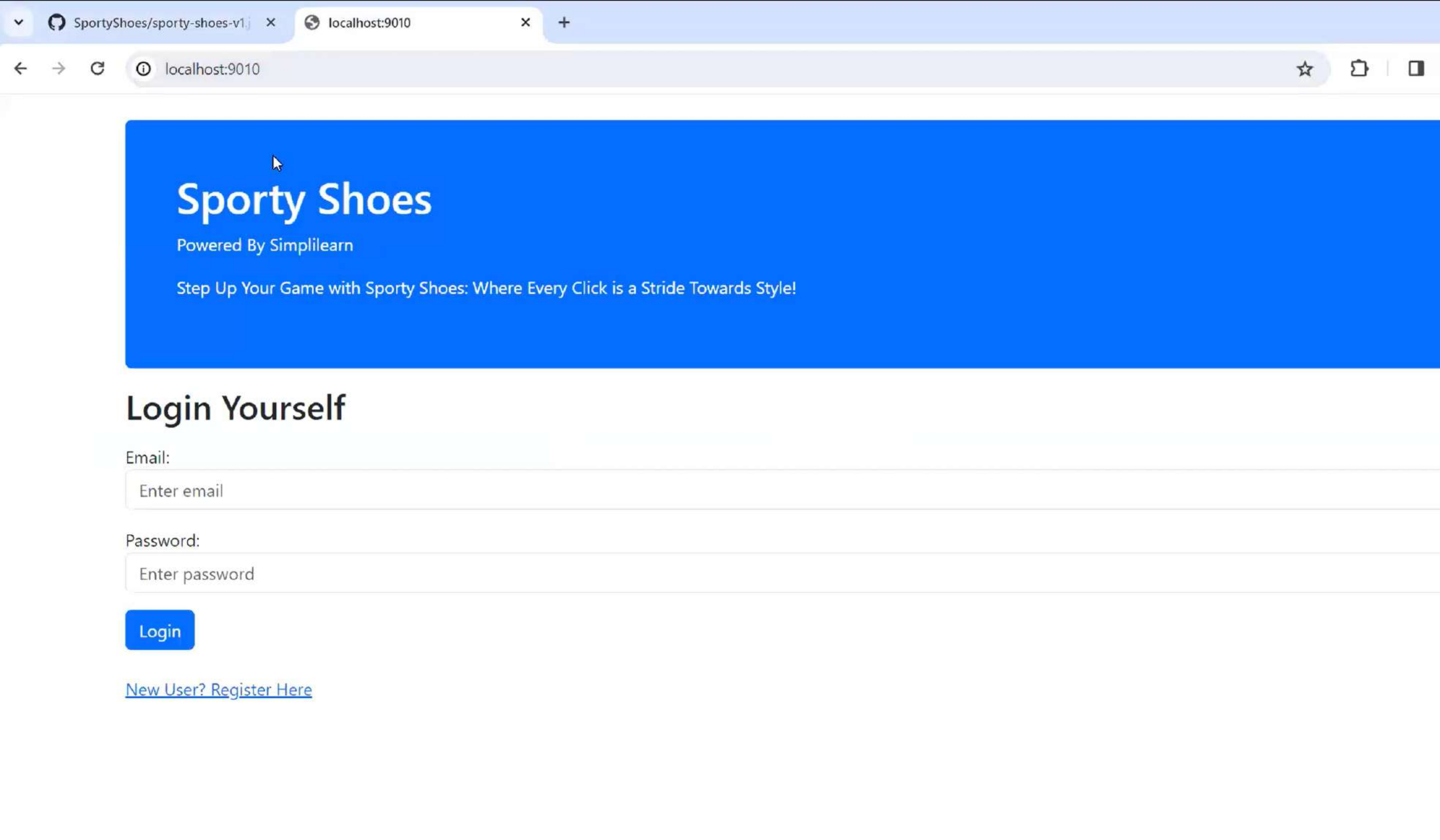
Sporty Shoes

Powered By Simplilearn

Step Up Your Game with Sporty Shoes: Where Every Click is a Stride Towards Style!

Login Yourself

Email:

Enter email

Password:

Enter password

Login

New User? Register Here

```
2023-11-14 09:18:55.236  INFO 24332 --- [           main] o.s.b.a.w.s.WelcomePageHandlerMapping      : Adding welcome page template: index
2023-11-14 09:18:55.369  WARN 24332 --- [           main] ConfigServletWebServerApplicationContext : Exception encountered during context initializa
tion - cancelling refresh attempt: org.springframework.context.ApplicationContextException: Failed to start bean 'webServerStartStop'; nested except
ion is org.springframework.boot.web.server.PortInUseException: Port 9010 is already in use
2023-11-14 09:18:55.372  INFO 24332 --- [           main] o.apache.catalina.core.StandardService   : Stopping service [Tomcat]
2023-11-14 09:18:55.385  INFO 24332 --- [           main] ConditionEvaluationReportLoggingListener :

Error starting ApplicationContext. To display the conditions report re-run your application with 'debug' enabled.
2023-11-14 09:18:55.401 ERROR 24332 --- [           main] o.s.b.d.LoggingFailureAnalysisReporter   :


***************************
APPLICATION FAILED TO START
***************************


Description:

Web server failed to start. Port 9010 was already in use.

Action:

Identify and stop the process that's listening on port 9010 or configure this application to listen on another port.


C:\Users\madhutejaswara reddy\Downloads\SportyShoes-main\SportyShoes-main>
```

Phase3-Lesson2-APITesting   New   Import

GET Assignment001-G   ▢ dev   DEL Assignment001-D   GET Assignment002-g   GET Assignment002-C   GET New Request ●   +   •••   prod

Collections

HTTP EndProject / **New Request**   💾 Save ⌄

> ApiTesting-Lesson2

> CollectionRUN-newman

APIs

EndProject ☆ •••

GET   ⌄   ← http://localhost:9010/get-users   Send ⌄

POST Assignment 001-POST

Environments

GET Assignment001-Get

DEL Assignment001-Delete

Params   Authorization   Headers (7)   Body   Pre-request Script   Tests   Settings   Cookies

PUT Assignment001-Put

Query Params

Monitors

GET Assignment002-get

	Key	Value	Description	••• Bulk Edit
	Key	Value	Description	

GET Assignment002-Get02

GET Assignment002-Get03

History

GET New Request

> Github-API

Body   Cookies   Headers (5)   Test Results   🌐 Status: **200 OK**   Time: **17 ms**   Size: **440 B**   💾 Save as example •••

> Lesson2-EndProject

> Variables-Demo

Pretty   Raw   Preview   Visualize   JSON ⌄   ⇥

```
1   {
2       "code": 101,
3       "message": "3 Users Fetched Successfully.",
4       "users": [
5           {
6               "name": "John Watson",
7               "email": "john@example.com",
8               "password": "john123"
9           },
10          {
11              "name": "Fionna Flynn",
12              "email": "fionna@example.com",
13              "password": "fionna123"
14          },
15          {
16              "name": "Sia Sen",
17              "email": "sia@example.com",
```

Collections

APIs

Environments

Monitors

History

> ApiTesting-Lesson2

∨ CapstoneProject   ☆ ⋯

This colle

Add a req

> Collection

> EndProjec

> Github-AI

> Lesson2-

> Variables-

Share

Move

Run collection

Generate tests   BETA

Edit

Add request

Add folder

Monitor collection

Mock collection

Create a fork   Ctrl+Alt+F

Create pull request

Merge changes

Pull changes

View changelog

View documentation

Rename   Ctrl+E

Duplicate   Ctrl+D

Export

CapstoneProject

Overview   Authorization   Pre-request Script   Tests   Variables   Runs

CapstoneProject

Make things easier for your teammates with a complete collection description.

View complete documentation →

↗ Share

Search Postman

⌕ Invite ⚙ ◇

Phase3-Lesson2-APITesting   New   Import

GET Assignmen   ▣ dev   DEL Assignment   GET Assignmen   GET Assignmen   GET New Req ●   ◻ CapstoneP   GET Get all prod   +   ooo

⊟
llections

+   ≡   ooo

◉◉
APIs

HTTP   CapstoneProject / **Get all products**

⌄ ApiTesting-Lesson2

⌄ CapstoneProject

GET Get all products

GET ⌄   Enter URL or paste text

▣
ronments

〉 CollectionRUN-newman

〉 EndProject

Params   Authoriz

Query Params

http://localhost:9010/get-users

http://localhost:9010/get-shoes

⨯
lonitors

〉 Github-API

Key

http://localhost:9010

〉 Lesson2-EndProject

Key

http://localhost:9010/get-shoes

🕐
History

〉 Variables-Demo

{{Base_URL}}?appid=aa9126a7d7b4c20f33602b045a197e3f&lat=28.6128&lon=77.2311

⊞
□+

Response

Enter the URL and click Send to get a response

Phase3-Lesson2-APITesting   New   Import

GET Assignmen   ⊡ dev   DEL Assignmen   GET Assignmen   GET Assignmen   GET New Req ●   ☐ CapstoneP   GET Get all prod   +   ∘∘∘   prod

Collections

+   ⧩   ∘∘∘

> ApiTesting-Lesson2
⌄ CapstoneProject
    GET Get all products
> CollectionRUN-newman
> EndProject
> Github-API
> Lesson2-EndProject
> Variables-Demo

APIs

environments

Monitors

History

CapstoneProject / **Get all products**

☐ Save ⌄   ✎

GET ⌄	http://localhost:9010/get-shoes

Send

Params   Authorization   Headers (7)   Body   Pre-request Script   Tests   Settings   Cool

Query Params

Key	Value	Description	∘∘∘ Bulk E
Key	Value	Description	

Body   Cookies   Headers (5)   Test Results   ⊕ Status: **200 OK**   Time: **413 ms**   Size: **1.55 KB**   ☐ Save as example

Pretty   Raw   Preview   Visualize   JSON ⌄   ⇄

```
 1  {
 2      "code": 101,
 3      "message": "12 Shoes Fetched Successfully.",
 4      "shoes": [
 5          {
 6              "id": 101,
 7              "image": "1.png",
 8              "name": "BlueWave Running Shoes",
 9              "category": "Sports",
10              "sizes": "7, 8, 9",
11              "price": 2000
12          },
13          {
14              "id": 201,
15              "image": "2.png",
16              "name": "Elegant Leather Loafers",
17              "category": "Formal",
18              "sizes": "7, 8, 9",
19              "price": 3000
20          },
21          {
```

Phase3-Lesson2-APITesting   New   Import

📦 Collections

➕ ⊤   000

> ApiTesting-Lesson2

∨ CapstoneProject   ☆ 000

   GET Ge

⊙ APIs

□ Environments

∿ Monitors

⟳ History

⊞+

> Collection

> EndProjec

> Github-AF

> Lesson2-

> Variables

Share

Move

Run collection

Generate tests   BETA

Edit

Add request

Add folder

Monitor collection

Mock collection

Create a fork Ctrl+Alt+F

Create pull request

Merge changes

Pull changes

View changelog

View documentation

Rename   Ctrl+E

Duplicate   Ctrl+D

Export

HTTP CapstoneProject / **Get all users**

GET ⌄	http://localhost:9010/get-users ⤺

Params | Authori

Query Params

	Key	Value	Description
	Key	Value	Description

Response

Click Send to get a response

👤 Phase3-Lesson2-APITesting   New   Import

GET Assignr | 🖳 dev | DEL Assignr | GET Assignr | GET Assignr | GET New ● | 🗑 Capstor | GET Get all | GET Get all | POST Add ● | + | ∘∘∘ | prod

🗂 **Collections**

🖳 HTTP   CapstoneProject / **Add a product**   💾 Save ∨   ✎ □

⊕ ≡ ▦   ∘∘∘

> ApiTesting-Lesson2

⌄ CapstoneProject

    GET Get all products

    GET Get all users

    GET Add a product

> CollectionRUN-newman

> EndProject

> Github-API

> Lesson2-EndProject

> Variables-Demo

| POST ∨ | http://localhost:9010/update-shoe | Send ∨ |

Cookies

Params   Authorization   Headers (8)   Body   Pre-request Script   Tests   Settings

Query Params

	Key	Value	Description	∘∘∘ Bulk Edit
	Key	Value	Description	

Response

Click Send to get a response

HTTP CapstoneProject / **Add a product**

POST ∨	http://localhost:9010/update-shoe

Params   Authorization   Headers (8)   **Body**   Pre-request Script   Tests   Settings

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary   ● GraphQL

This request does not have a body

Response

Click Send to get a response

Phase3-Lesson2-APITesting   New   Import

GET Assign   ▣ dev   DEL Assign   GET Assign   GET Assign   GET New ●   🗑 Capsto   GET Get ✕   GET Get all   POST Add ●   +   ⋯

Collections   +   ▽   ⋯

> ApiTesting-Lesson2

∨ CapstoneProject   HTTP CapstoneProject / **Get all products**

APIs   GET Get all products

Environments   GET Get all users   GET ⌄   http://localhost:9010/get-shoes

          GET Add a product

Monitors   > CollectionRUN-newman   Params   Authorization   Headers (7)   Body   Pre-request Script   Tests   Settings

> EndProject   **Query Params**

History   > Github-API

> Lesson2-EndProject | Key | Value | Description |
|---|---|---|
| | | |
| Key | Value | Description |

> Variables-Demo

          Body   Cookies   Headers (5)   Test Results   🌐 Status: **200 OK** Time: **413 ms** Size: 1.5

          Pretty   Raw   Preview   Visualize   JSON ⌄   ⇶

```
 1   {
 2       "code": 101,
 3       "message": "12 Shoes Fetched Successfully.",
 4       "shoes": [
 5           {
 6               "id": 101,
 7               "image": "1.png",
 8               "name": "BlueWave Running Shoes",
 9               "category": "Sports",
10               "sizes": "7, 8, 9",
11               "price": 2000
12           },
13           {
14               "id": 201,
15               "image": "2.png",
16               "name": "Elegant Leather Loafers",
17               "category": "Formal",
18               "sizes": "7, 8, 9",
19               "price": 3000
20           },
```

Phase3-Lesson2-APITesting   New   Import

GET Assign   dev   DEL Assign   GET Assign   GET Assign   GET New ●   Capston   GET Get all   GET Get all   POST Add a   +

Collections

ApiTesting-Lesson2
CapstoneProject
  GET Get all products
  GET Get all users
  POST Add a product
CollectionRUN-newman
EndProject
Github-API
Lesson2-EndProject
Variables-Demo

APIs

Environments

Monitors

History

CapstoneProject / Add a product

POST ⌄   http://localhost:9010/add-shoe

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests   Settings

○ none   ○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   ○ GraphQL   JSON ⌄

```
1  {
2    "id": 101,
3    "name": "Sketchers",
4    "category": "Sports",
5    "sizes": "6,7,10",
6    "price": 3500
7  }
8
```

Body   Cookies   Headers (4)   Test Results

Status: 400 Bad Request   Time: 338 ms

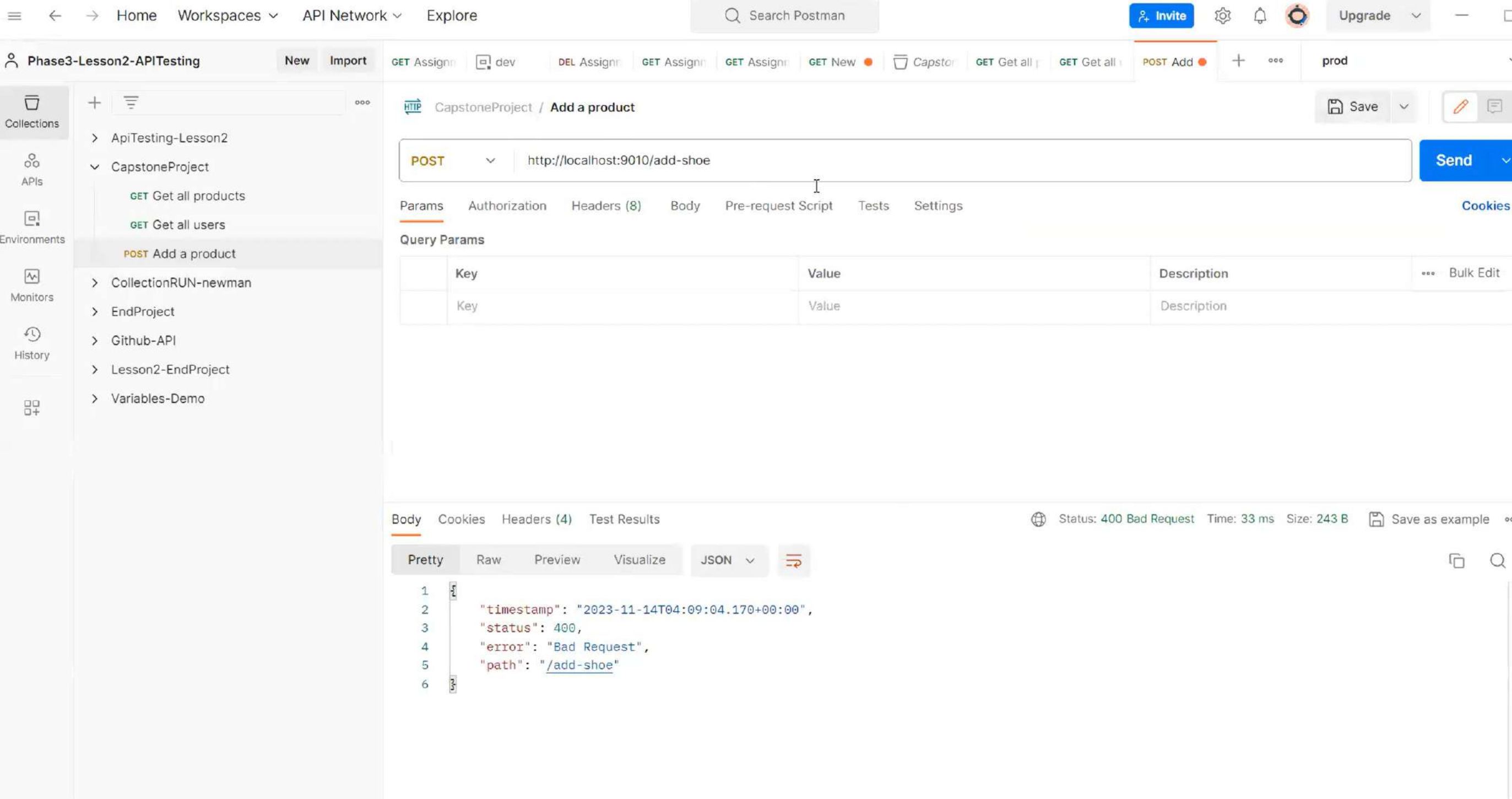Pretty   Raw   Preview   Visualize   JSON ⌄

```
1  {
2      "timestamp": "2023-11-14T04:08:01.054+00:00",
3      "status": 400,
4      "error": "Bad Request",
5      "path": "/add-shoe"
6  }
```

Phase3-Lesson2-APITesting   New Import

GET Assign ▣ dev DEL Assign GET Assign GET Assign GET New ● 🗑 Capsto GET Get all GET Get all POST Add ● + ⋯ prod

⊞ ≡   🔗 CapstoneProject / Add a product   💾 Save ⌄   ✏

Collections

⊕ ≡   ⋯

> ApiTesting-Lesson2

⌄ CapstoneProject

    GET Get all products

    GET Get all users

    POST Add a product

> CollectionRUN-newman

> EndProject

> Github-API

> Lesson2-EndProject

> Variables-Demo

| POST ⌄ | http://localhost:9010/add-shoe | | Send ⌄ |

Params   Authorization   Headers (8)   Body   Pre-request Script   Tests   Settings   Cookies

Query Params

	Key	Value	Description	⋯ Bulk Edit
	Key	Value	Description	

Body   Cookies   Headers (4)   Test Results   🌐 Status: **400 Bad Request** Time: **33 ms** Size: **243 B** 💾 Save as example ⋯

Pretty   Raw   Preview   Visualize   JSON ⌄   ⇆   ⧉ 🔍

```
1  {
2      "timestamp": "2023-11-14T04:09:04.170+00:00",
3      "status": 400,
4      "error": "Bad Request",
5      "path": "/add-shoe"
6  }
```

HTTP CapstoneProject / **Add a product**

💾 Save ⌄   ✎ ▣

POST ⌄   http://localhost:9010/add-shoe?id=101&image=image_url&name=SampleShoe&category=Running&sizes=9&price=1000   **Send** ⌄

Params ●   Authorization   Headers (8)   Body   Pre-request Script   Tests   Settings   **Cookies**

	Key	Value	Description	••• Bulk Edit
☑	id	101		
☑	image	image_url		
☑	name	SampleShoe		
☑	category	Running		
☑	sizes	9		
☑	price	1000		
	Key	Value	Description	

Body   Cookies   Headers (4)   Test Results   🌐 Status: **400 Bad Request**   Time: **33 ms**   Size: **243 B**   💾 Save as example

Pretty   Raw   Preview   Visualize   JSON ⌄   ⇶   ⧉ 🔍

```
1  {
2      "timestamp": "2023-11-14T04:09:04.170+00:00",
3      "status": 400,
4      "error": "Bad Request",
5      "path": "/add-shoe"
6  }
```

POST ⌄ | http://localhost:9010/add-shoe?id=1010&image=www.imge.com&name=Sketchers&category=Running&sizes=9&price=1000

Params ●   Authorization   Headers (9)   Body   Pre-request Script   Tests   Settings

	Key	Value	Description	...
☑	id	1010		
☑	image	www.imge.com		
☑	name	Sketchers		
☑	category	Running		
☑	sizes	9		
☑	price	1000		
	Key	Value	Description	

Body   Cookies (1)   Headers (6)   Test Results   🌐 Status: **200 OK**   Time: **925 ms**   Size: **400 B**   💾 Save

Pretty   Raw   Preview   Visualize   JSON ⌄

```
 1  {
 2      "code": 101,
 3      "message": "Sketchers Added Successfully.",
 4      "shoe": {
 5          "id": 1010,
 6          "image": "www.imge.com",
 7          "name": "Sketchers",
 8          "category": "Running",
 9          "sizes": "9",
10          "price": 1000
11      }
12  }
```

HTTP CapstoneProject / **Update a product**

Save ⌄

PUT ⌄ http://localhost:9010/update-shoe

Params | Authorization | Headers (10) | Body ● | Pre-request Script | Tests | Settings

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL **JSON** ⌄

```
1  {
2      "id": 1010,
3      "image": "www.imge.com",
4      "name": "Sketchers",
5      "category": "Running",
6      "sizes": "6,7,9",
7      "price": 1000
8  }
```

Body | Cookies (1) | Headers (4) | Test Results

Status: 400 Bad Request Time: 25 ms Size: 246 B Sav

Pretty | Raw | Preview | Visualize | JSON ⌄

```
1  {
2      "timestamp": "2023-11-14T04:14:04.729+00:00",
3      "status": 400,
4      "error": "Bad Request",
5      "path": "/update-shoe"
6  }
```

```
PUT    http://localhost:9010/update-shoe?id=101&image=image_url&name=SampleShoe&category=Running&sizes=9&price=1000    Send
```

CapstoneProject / **Get all products**

Save

GET   http://localhost:9010/get-shoes   **Send**

Params   Authorization   Headers (8)   Body   Pre-request Script   Tests   Settings   **Cookies**

Query Params

	Key	Value	Description	··· Bulk Edit
	Key	Value	Description	

Body   Cookies (1)   Headers (5)   Test Results   Status: **200 OK** Time: **29 ms** Size: **1.65 KB** Save as example ooo

Pretty   Raw   Preview   Visualize   JSON ∨

```json
1  {
2      "code": 101,
3      "message": "13 Shoes Fetched Successfully.",
4      "shoes": [
5          {
6              "id": 101,
7              "image": "1.png",
8              "name": "BlueWave Running Shoes",
9              "category": "Sports",
10             "sizes": "7, 8, 9",
11             "price": 2000
12         },
13         {
14             "id": 201,
15             "image": "2.png",
16             "name": "Elegant Leather Loafers",
17             "category": "Formal",
18             "sizes": "7, 8, 9",
19             "price": 3000
20         },
21         {
```