

Aim: To perform the run a Collection using Collection Runner.

The first screenshot shows the Postman interface with the 'API Testing' workspace selected. The 'HTTPMethods-Demo' collection is expanded, and a context menu is open over the 'OPTIONSMethod-Demo' item, showing options like 'Run collection', 'Generate tests', 'Edit', 'Add request', 'Add folder', 'Monitor collection', 'Mock collection', 'Create a fork', 'Create pull request', 'Merge changes', 'Pull changes', and 'View changelog'.

The second screenshot shows the 'Runner' tab in the Postman interface. The 'Run order' section lists the following items with checkboxes: GET GetMethod-Demo, HEAD HEADMethod-Demo, OPT OPTIONSMMethod-Demo, POST PostMethod-demo, PUT PutMethod-demo, DEL DeleteMethod-Demo, and PATCH PATCHMethod. The 'Run order' section also includes 'Deselect All' and 'Select All' buttons.

The third screenshot shows the 'Runner' tab with the 'Run configuration' section expanded. The 'Choose how to run your collection' section has three options: 'Run manually' (selected), 'Schedule runs', and 'Automate runs via CLI'. The 'Run configuration' section includes a field for 'Iterations' set to 2 and a 'Delay' field.

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Phase3-Lesson2-APITesting New Import Runner QA

Collections + ApiTesting-Lesson2 HTTPMethods-Demo GET GetMethod-Demo HEAD HEADMethod-Demo OPT OPTIONSMETHOD-Demo POST PostMethod-demo PUT PutMethod-demo DEL DeleteMethod-Demo PATCH PATCHMethod Variables_Demo GET LocalVariable GET EnvironmentVariable

Run order Deselect All Select All Reset

- ☒ GET GetMethod-Demo
- ☒ HEAD HEADMethod-Demo
- ☒ OPT OPTIONSMETHOD-Demo
- ☐ POST PostMethod-demo
- ☐ PUT PutMethod-demo
- ☐ DEL DeleteMethod-Demo
- ☒ PATCH PATCHMethod

Functional Performance

Choose how to run your collection

- ☒ Run manually
Run this collection in the Collection Runner.
- ☐ Schedule runs
Periodically run collection at a specified time on the Postman Cloud.
- ☐ Automate runs via CLI
Configure CLI command to run on your build pipeline.

Run configuration

Iterations: 2

Delay: 1000 ms

Data: Select File

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Run order Deselect All Select All Reset

- ☒ GET GetMethod-Demo
- ☒ HEAD HEADMethod-Demo
- ☒ OPT OPTIONSMETHOD-Demo
- ☐ POST PostMethod-demo
- ☐ PUT PutMethod-demo
- ☐ DEL DeleteMethod-Demo
- ☒ PATCH PATCHMethod

Functional Performance

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Run configuration

Iterations: 2

Delay: 1000 ms

Data: Select File

☐ Persist responses for a session

Advanced settings

- ☒ Stop run if an error occurs
- ☒ Keep variable values
- ☐ Run collection without using stored cookies
- ☒ Save cookies after collection run

Run HTTPMethods-Demo

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Phase3-Lesson2-APITesting New Import HTTPMethods-Demo QA

Collections + ApiTesting-Lesson2 HTTPMethods-Demo GET GetMethod-Demo HEAD HEADMethod-Demo OPT OPTIONSMETHOD-Demo POST PostMethod-demo PUT PutMethod-demo DEL DeleteMethod-Demo PATCH PATCHMethod Variables_Demo GET LocalVariable GET EnvironmentVariable

HTTPMethods-Demo - Run results

Ran today at 17:39:46 · View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	QA	2	13s 569ms	0	493 ms

All Tests Passed (0) Failed (0) Skipped (0) View Summary

Iteration 1

- GET GetMethod-Demo
https://api.postman.com/workspaces
200 OK 1111 ms 115 KB
No tests found
- HEAD HEADMethod-Demo
https://api.postman.com/workspaces
200 OK 479 ms 431 B
No tests found
- OPTIONS OPTIONSMETHOD-Demo
https://api.postman.com/workspaces
200 OK 303 ms 285 B
No tests found
- PATCH PATCHMethod
https://jsonplaceholder.typicode.com/posts/2
200 OK 552 ms 139 KB
No tests found

Iteration 2

- GET GetMethod-Demo
https://api.postman.com/workspaces
200 OK 453 ms 115 KB

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Phase3-Lesson2-APITesting New Import HTTPMethods-Demo HTTPMethods-Demo QA

HTTPMethods-Demo

Overview Authorization Pre-request Script Tests Variables **Runs**

Functional Scheduled Performance

Runs triggered for this collection via Collection Runner and Postman CLI.

Last 100 runs Run by Run status Source

	Start time	Source	Duration	All tests	Passed	Failed	Skipped	Avg. Resp. Time
<input type="checkbox"/>	> Nov 05, 2023 17:39:46	Runner	13s 569ms	0	0	0	0	493 ms

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Phase3-Lesson2-APITesting New Import HTTPMethods-Demo HTTPMethods-Demo Runner QA

HTTPMethods-Demo

Overview Authorization Pre-request Script Tests Variables **Runs**

Functional Scheduled Performance

Runs triggered for this collection via Collection Runner and Postman CLI.

Last 100 runs Run by Run status Source

Choose how to run your collection

☐ Run manually
Run this collection in the Collection Runner.

☒ Schedule runs
Periodically run collection at a specified time on the Postman Cloud.

☐ Automate runs via CLI
Configure CLI command to run on your build pipeline.

Schedule configuration

Your collection will be automatically run on the Postman Cloud at the configured frequency. [Learn more about scheduling collection runs](#)

Schedule name

EVERY HOUR

Run Frequency

High frequency helps catch issues quicker but increases [resource usage](#).

Hour timer

Every hour

Run configuration

Environment

QA

Iterations (max 50)

1

Data file

Only JSON and CSV files are accepted. Max 1 MB.

```

Microsoft Windows [Version 10.0.19045.3570]
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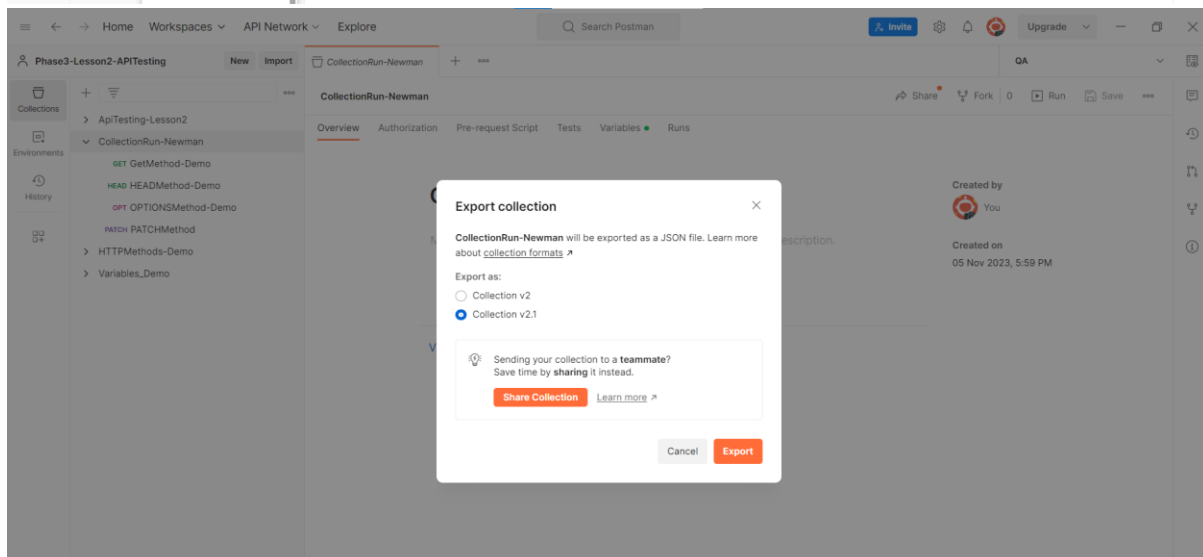
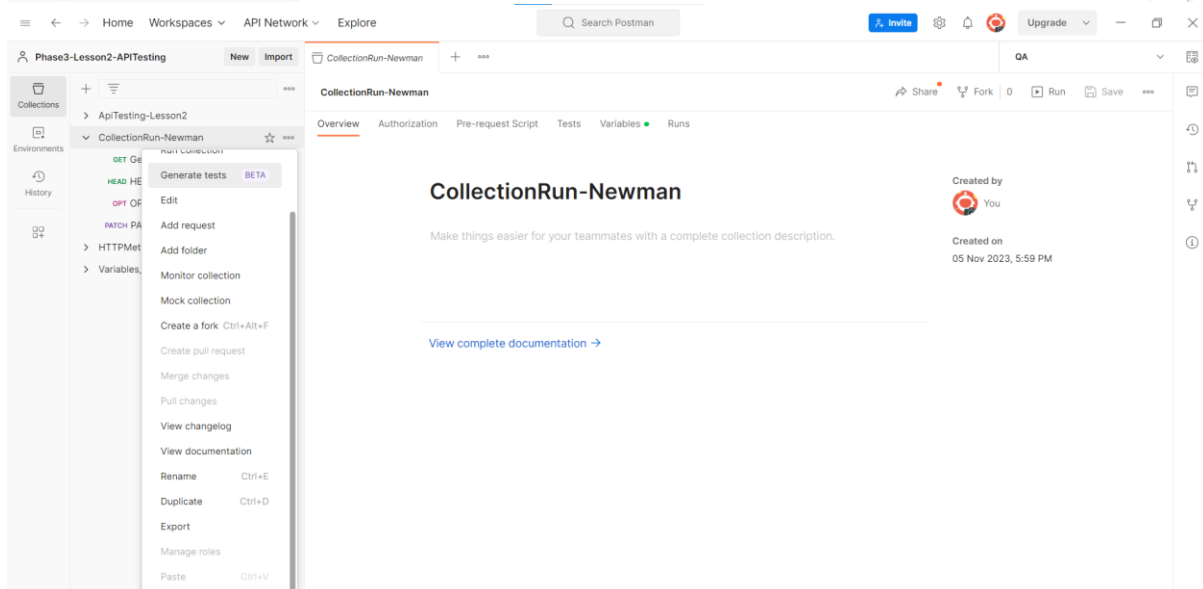
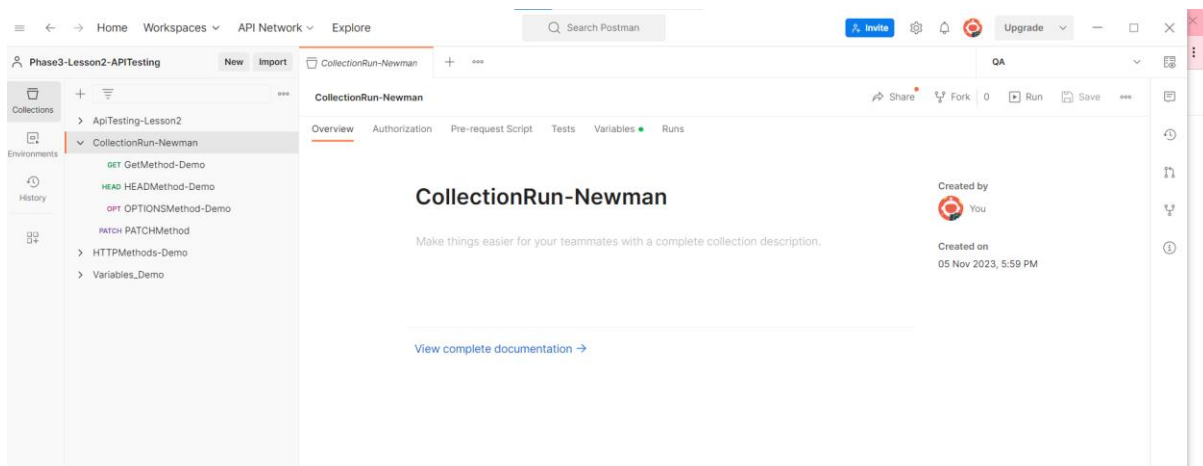
C:\Users\siva reddy>npm -version
9.8.1

C:\Users\siva reddy>node -v
v18.18.0

C:\Users\siva reddy>npm install -g newman
npm WARN deprecated har-validator@5.1.5: this library is no longer supported
npm WARN deprecated uid@3.4.0: Please upgrade to version 7 or higher. Older versions may use Math.random() in certain circumstances, which is known to be problematic. See https://v8.dev/blog/math-random
details.

added 118 packages in 23s
9 packages are looking for funding
  run `npm fund` for details
npm notice
npm notice New major version of npm available! 9.8.1 -> 10.2.3
npm notice Changelog: https://github.com/npm/cli/releases/tag/v10.2.3
npm notice Run `npm install -g npm@10.2.3` to update!
npm notice
C:\Users\siva reddy>

```



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19045.3570]
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C:\Users\siva reddy\Desktop\NewMan CollectionRunner>newman run CollectionRun-Newman.postman_collection.json
newman

CollectionRun-Newman

  > GetMethod-Demo
    GET https://api.postman.com/workspaces [401 Unauthorized, 560B, 1204ms]

  > HEADMethod-Deao
    HEAD https://api.postman.com/workspaces [401 Unauthorized, 440B, 279ms]

  > OPTIONSMethod-Demo
    OPTIONS https://api.postman.com/workspaces [200 OK, 285B, 273ms]

  > PATCHMethod
    PATCH https://jsonplaceholder.typicode.com/posts/2 [200 OK, 1.39KB, 1041ms]



|                                                                     | executed | failed |
|---------------------------------------------------------------------|----------|--------|
| iterations                                                          | 1        | 0      |
| requests                                                            | 4        | 0      |
| test-scripts                                                        | 4        | 0      |
| prerequest-scripts                                                  | 4        | 0      |
| assertions                                                          | 0        | 0      |
| total run duration: 3.1s                                            |          |        |
| total data received: 400B (approx)                                  |          |        |
| average response time: 699ms [min: 273ms, max: 1204ms, s.d.: 427ms] |          |        |



C:\Users\siva reddy\Desktop\NewMan CollectionRunner>
```

```
Command Prompt
Microsoft Windows [Version 10.0.19045.3570]
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C:\Users\siva reddy>npm -version
9.8.1

C:\Users\siva reddy>node -v
v18.18.0

C:\Users\siva reddy>npm install -g newman
npm WARN deprecated har-validator@5.1.5: this library is no longer supported
npm WARN deprecated uuid@3.4.0: Please upgrade to version 7 or higher. Older versions may use Math.random() in certain circumstances, which is known to be problematic. See https://v8.dev/blog/math-random for details.

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9 packages are looking for funding
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npm notice
npm notice New major version of npm available! 9.8.1 -> 10.2.3
npm notice Changelog: https://github.com/npm/cli/releases/tag/v10.2.3
npm notice Run `npm install -g npm@10.2.3` to update!
npm notice

C:\Users\siva reddy>
```

