

# DAY-18

## Calculator tasks

### ADD:

The screenshot shows the Postman interface with a history of requests on the left and a detailed view of a GET request on the right. The request is to `http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=add`. The parameters are `num2` with value `3` and `operation` with value `add`. The response body is `{ "result": 5.0 }` with a status of 200 OK.

Method	URL	Status	Time	Size
GET	http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=add	200 OK	4 ms	139 B

### SUB:

The screenshot shows the Postman interface with a history of requests on the left and a detailed view of a GET request on the right. The request is to `http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=sub`. The parameters are `num2` with value `3` and `operation` with value `sub`. The response body is `{ "result": -1.0 }` with a status of 200 OK.

Method	URL	Status	Time	Size
GET	http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=sub	200 OK	8 ms	140 B

DIVISION:

History

NewImport

Today

GET http://127.0.0.1:8000/calculate/?num1=30&num2=15&operation=div

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=mul

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=sub

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=add

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=div

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=mul

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=sub

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=add

GET http://127.0.0.1:8000/fullname?fname=harsha&lname=vardhini

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=add

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=add

GET http://127.0.0.1:8000/calculate/num1=2/num2=3/add

GET http://127.0.0.1:8000/calculate/2/3/add

GET http://127.0.0.1:8000/calculate

POST http://127.0.0.1:8000/

POST http://127.0.0.1:8000

POST http://127.0.0.1:8000/add

GET http://127.0.0.1:8000/add

GET http://127.0.0.1:8000/calculate/2/3/add

GET https:// [CONFLICT] GET https:// [CONFLICT] GET https:// [CONFLICT] GET http://127 GET http://127 GET http://127 GET http://127

http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=mul

GET http://127.0.0.1:8000/calculate/?num1=30&num2=15&operation=div

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

Query Params

Key	Value	Bulk Edit
<input checked="" type="checkbox"/> num1	30	
<input checked="" type="checkbox"/> num2	15	
<input checked="" type="checkbox"/> operation	div	

Body Cookies Headers (4) Test Results Status: 200 OK Time: 4 ms Size: 139 B Save Response

Pretty Raw Preview Visualize JSON

1 2 3

"result": 2.0

MULTIPLY:

History

NewImport

Today

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=mul

GET http://127.0.0.1:8000/calculate/?num1=30&num2=15&operation=div

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=mul

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=sub

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=add

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=div

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=mul

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=sub

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=add

GET http://127.0.0.1:8000/fullname?fname=harsha&lname=vardhini

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=add

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=add

GET http://127.0.0.1:8000/calculate/num1=2/num2=3/add

GET http://127.0.0.1:8000/calculate/2/3/add

GET http://127.0.0.1:8000/calculate

POST http://127.0.0.1:8000/

POST http://127.0.0.1:8000

POST http://127.0.0.1:8000/add

GET http://127.0.0.1:8000/add

GET https:// [CONFLICT] GET https:// [CONFLICT] GET https:// [CONFLICT] GET http://127 GET http://127 GET http://127 GET http://127

http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=mul

GET http://127.0.0.1:8000/calculate/?num1=2&num2=3&operation=mul

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

☒ num2 3

☐ connection

☐ apiKey

☒ operation mul

Key Value

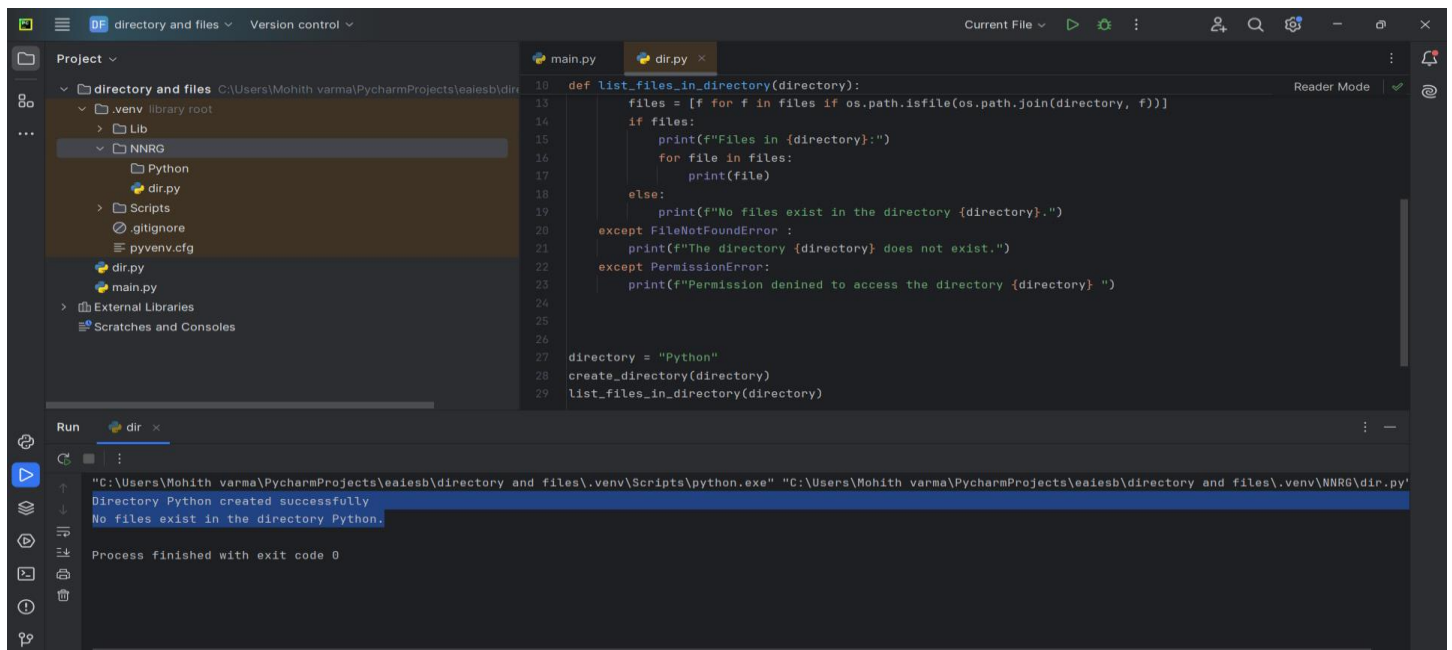
Body Cookies Headers (4) Test Results Status: 200 OK Time: 8 ms Size: 139 B Save Response

Pretty Raw Preview Visualize JSON

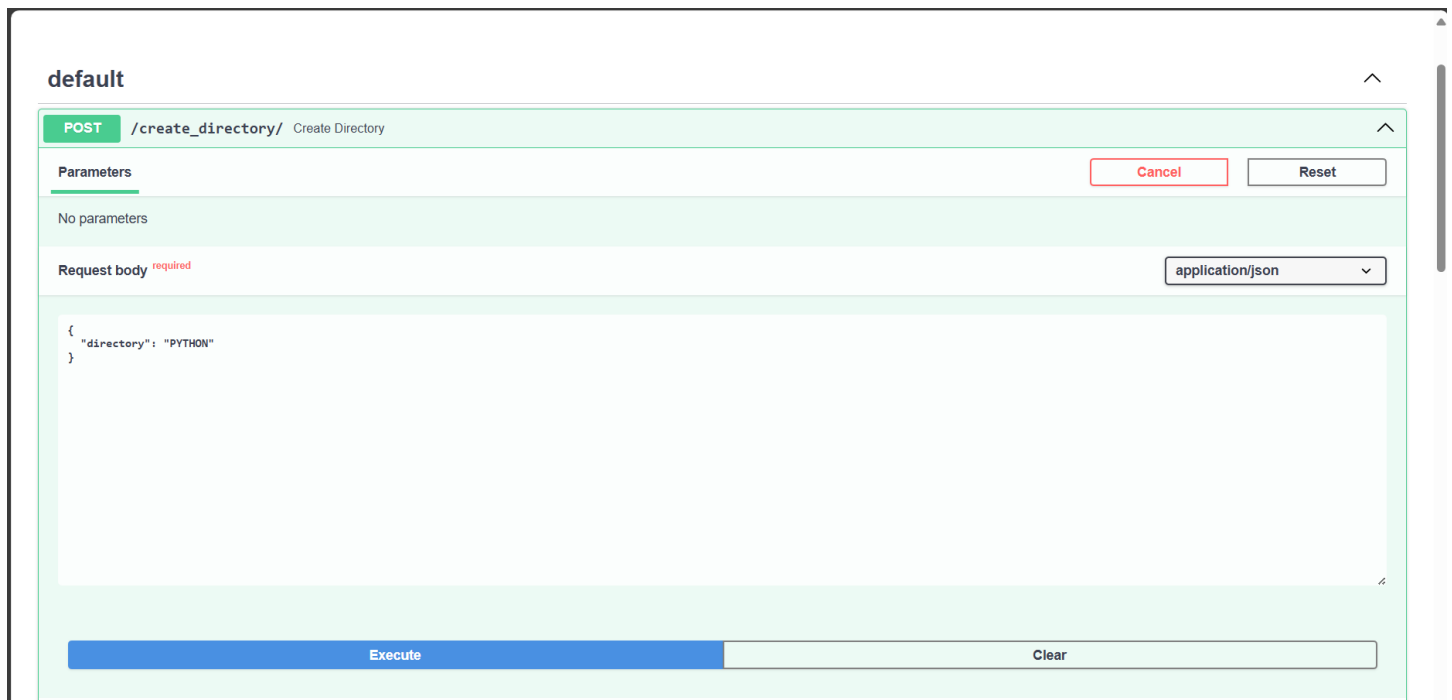
1 2 3

"result": 6.0

## DIRECTORY TASK:



## CREATE DIRECTORY:



Responses

Code	Description	Links
200	Successful Response	No links
<div>Media type application/json</div> <div>Controls Accept header.</div> <div>Example Value   Schema</div> <div>"string"</div>		
422	Validation Error	No links
<div>Media type application/json</div> <div>Example Value   Schema</div> <div>{   "detail": [     {       "loc": [         "string",         0       ],       "msg": "string",       "type": "string"     }   ] }</div>		

POST /list\_files\_in\_directory/ List Files In Directory

FastAPI - Swagger UI

127.0.0.1:8000/docs#/default/create\_directory\_create\_directory\_post

Responses

Curl

curl -X 'POST' \  
 'http://127.0.0.1:8000/create\_directory/' \  
 -H 'accept: application/json' \  
 -H 'Content-Type: application/json' \  
 -d '{  
 "directory": "PYTHON"  
 }'

Request URL

http://127.0.0.1:8000/create\_directory/

Server response

Code	Details
200	<div>Response body</div> <div>{   "message": "Directory PYTHON created successfully" }</div> <div>Response headers</div> <div>content-length: 51 content-type: application/json date: Sat, 15 Jun 2024 12:19:35 GMT server: uvicorn</div>

Responses

Code	Description	Links
200	Successful Response	No links
<div>Media type application/json</div>		

# LISTING THE FILES IN DIRECTORY:

POST /list\_files\_in\_directory/ List Files In Directory

Parameters

Cancel

Reset

No parameters

Request body required

application/json

```
{
  "directory": "PYTHON"
}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/list_files_in_directory/' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "directory": "PYTHON"
  }'
```

Request URL

http://127.0.0.1:8000/list\_files\_in\_directory/

Server response

Code

Details

200

Response body

```
{
  "message": "Files in PYTHON",
  "files": [
    "FILE-1.py"
  ]
}
```

Download

Response headers

```
content-length: 51
content-type: application/json
date: Sat, 15 Jun 2024 12:22:35 GMT
server: uvicorn
```

Responses