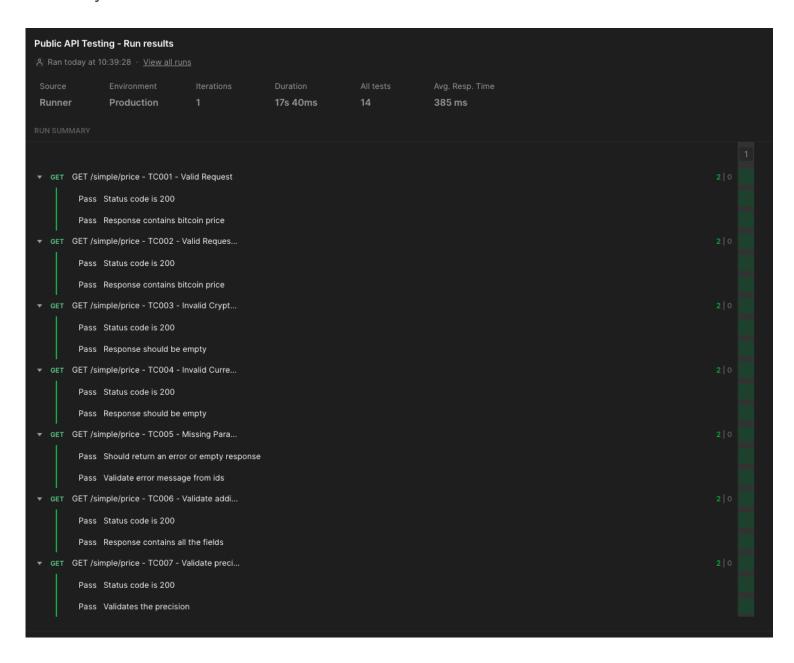
# Test cases for the **GET /simple/price** endpoint

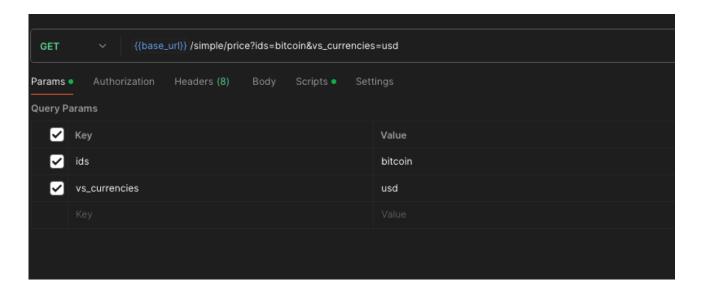
# Test cases scenarios, steps and expected results:

Test Case ID	Test Scenario	Steps	Expected Result	Status (Pass/Fail)
TC001	Verify successful response with valid parameters	<ol> <li>Send a GET request to         `/simple/price` with         `ids=bitcoin&amp;vs_currencies=usd         `.         </li> <li>Check the response status code.         <ol> <li>Validate the response contains correct price data.</li> </ol> </li> </ol>	Status code = <b>200 OK</b> Response contains `{ "bitcoin": { "usd": 50000 } }` (example).	Passed
TC002	Verify response with multiple cryptocurrencies and currencies	1. Send a GET request with  `ids=bitcoin,ethereum&vs_curr encies=usd,eur`.  2. Validate response contains data for both cryptocurrencies in both currencies.	Status code = <b>200 OK</b> Response includes `{   "bitcoin": { "usd": 50000,   "eur": 46000 },   "ethereum": { "usd": 3500,   "eur": 3200 } } `(example).	Passed
TC003	Verify response when requesting an invalid cryptocurrency	1. Send a GET request with 'ids=invalidcoin&vs_currencies =usd'. 2. Observe the API response.	Status code = <b>200 OK</b> API returns `{}` (empty json object).	Passed
TC004	Verify response when requesting an invalid currency	1. Send a GET request with 'ids=bitcoin&vs_currencies=inv alidcurrency'. 2. Check the response format. 3. (variations with invalid ids could be done)	Status code = <b>200 OK</b> API returns `{}` <u>if the id is unsupported</u> .  If supported, the result is `{"bitcoin": { }}`, for example.	Passed
TC005	Verify response when missing required parameters	<ol> <li>Send a GET request without 'ids' and 'vs_currencies'.</li> <li>Observe the response.</li> </ol>	Status code = <b>422 Unprocessable Entity</b> API returns an error message	Passed
TC006	Verify additional boolean parameters ('include_market_cap', 'include_24hr_vol', 'include_24hr_change', 'include_last_updated_at')	1. Send a GET request with 'include_market_cap=true&incl ude_24hr_vol=true&include_24 hr_change=true&include_last_u pdated_at=true'. 2. Validate the response includes additional fields.	Status code = <b>200 OK</b> Response includes 'market_cap', '24h_vol', '24h_change', and 'last_updated_at'.	Passed
TC007	Verify response precision parameter	<ol> <li>Send a GET request with precision=2.</li> <li>Validate the response precision points.</li> </ol>	Status code = <b>200 OK</b> Response numbers must have precision point '2'.	Passed

# Summary of the results:



### Parameters:



# Script Tests:

#### Parameters:

```
GET V {{base_url}} /simple/price?ids=bitcoin,ethereum&vs_currencies=usd,eur

Params Authorization Headers (8) Body Scripts Settings

Query Params

Key

Value

vs_currencies

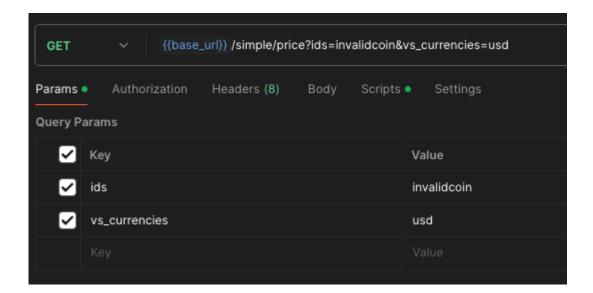
usd,eur

Key
```

#### Script Tests:

```
Params •
                         Headers (8)
                                       Body
                                              Scripts •
                                                         Settings
                        pm.test("Status code is 200", function () {
Pre-request
                             pm.response.to.have.status(200);
                        });
Post-response •
                        pm.test("Response contains bitcoin price", function () {
                             var jsonData = pm.response.json();
                             pm.expect(jsonData).to.have.property('bitcoin');
                             pm.expect(jsonData).to.have.property('ethereum');
                             pm.expect(jsonData.bitcoin).to.have.property('usd');
                             pm.expect(jsonData.bitcoin).to.have.property('eur');
                             pm.expect(jsonData.bitcoin.usd).to.be.a('number');
                             pm.expect(jsonData.bitcoin.eur).to.be.a('number');
                             pm.expect(jsonData.ethereum.usd).to.be.a('number');
                             pm.expect(jsonData.ethereum.eur).to.be.a('number');
                        });
```

## Parameters:



# Script Tests:

```
Pre-request

1  pm.test("Status code is 200", function () {
2  pm.response.to.have.status(200);
3  });

Post-response

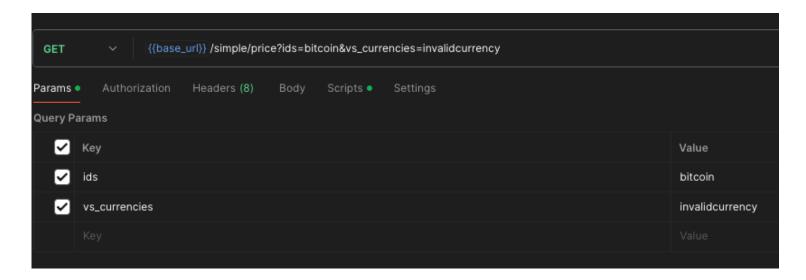
5  pm.test("Response should be empty", function () {
6  var jsonData = pm.response.json();
7  pm.expect(jsonData).to.be.an('object');
8  });
```

```
        Body
        Cookies
        Headers (28)
        Test Results (2/2) | €

        {} JSON ∨
        ▷ Preview
        ♥ Visualize | ∨

        1 {}
```

### Parameters:



## Script Tests:

```
Pre-request

Pre-request

1 pm.test("Status code is 200", function () {
2 pm.response.to.have.status(200);
3 });

Post-response

5 pm.test("Response should be empty", function () {
6 var jsonData = pm.response.json();
7 pm.expect(jsonData).to.be.an('object');
8 // for both invalid this assert must be gone
9 pm.expect(jsonData).to.have.property('bitcoin');
10 });
```

```
Body Cookies Headers (27) Test Results (2/2) 

{} JSON ∨ ▷ Preview ❖ Visualize | ∨

1 {
2 | "bitcoin": {}
3 }
```

Parameters:

```
Params Authorization Headers (8) Body Scripts • Settings

Query Params

Key

Key

Value
```

# Script Tests:

```
Pre-request

| pm.test("Should return an error or empty response", function () {
| pm.response.to.have.status(422);
| pm.test("Validate error message from ids", function () {
| var jsonData = pm.response.json();
| pm.expect(jsonData).to.have.property('error');
| pm.expect(jsonData.error).to.eql('Missing parameter ids');
| } );
```

```
Body Cookies Headers (20) Test Results (2/2) | 439 ms • 751 B • 439 ms • 7
```

#### Parameters:

```
Params •
 ✓ Key
                                                        Value
 ✓ ids
                                                        bitcoin

✓ vs_currencies

                                                        usd
 ✓ include_market_cap
                                                        true
   include_24hr_vol
                                                        true
 ✓ include_24hr_change
                                                        true
 include_last_updated_at
                                                        true
```

# Script Tests:

```
Scripts •
                        pm.test("Status code is 200", function () {
                           pm.response.to.have.status(200);
Post-response •
                       pm.test("Response contains all the fields", function () {
                            var jsonData = pm.response.json();
                           pm.expect(jsonData).to.have.property('bitcoin');
                           pm.expect(jsonData.bitcoin).to.have.property('usd');
                           pm.expect(jsonData.bitcoin.usd).to.be.a('number');
                           pm.expect(jsonData.bitcoin).to.have.property('usd_market_cap');
                           pm.expect(jsonData.bitcoin.usd).to.be.a('number');
                            pm.expect(jsonData.bitcoin).to.have.property('usd_24h_vol');
                           pm.expect(jsonData.bitcoin.usd).to.be.a('number');
                           pm.expect(jsonData.bitcoin).to.have.property('usd_24h_change');
                           pm.expect(jsonData.bitcoin.usd).to.be.a('number');
                           pm.expect(jsonData.bitcoin).to.have.property('last_updated_at');
                            pm.expect(jsonData.bitcoin.usd).to.be.a('number');
```

```
Body Cookies Headers (27) Test Results (2/2) ( 200 OK 415 ms 1.2 KB ( 2 )

| Son | Preview | Visualize | Visualize
```

#### Parameters:

## Script Tests:

```
Pre-request

| Dest-response | Pre-request | Dest-response | D
```