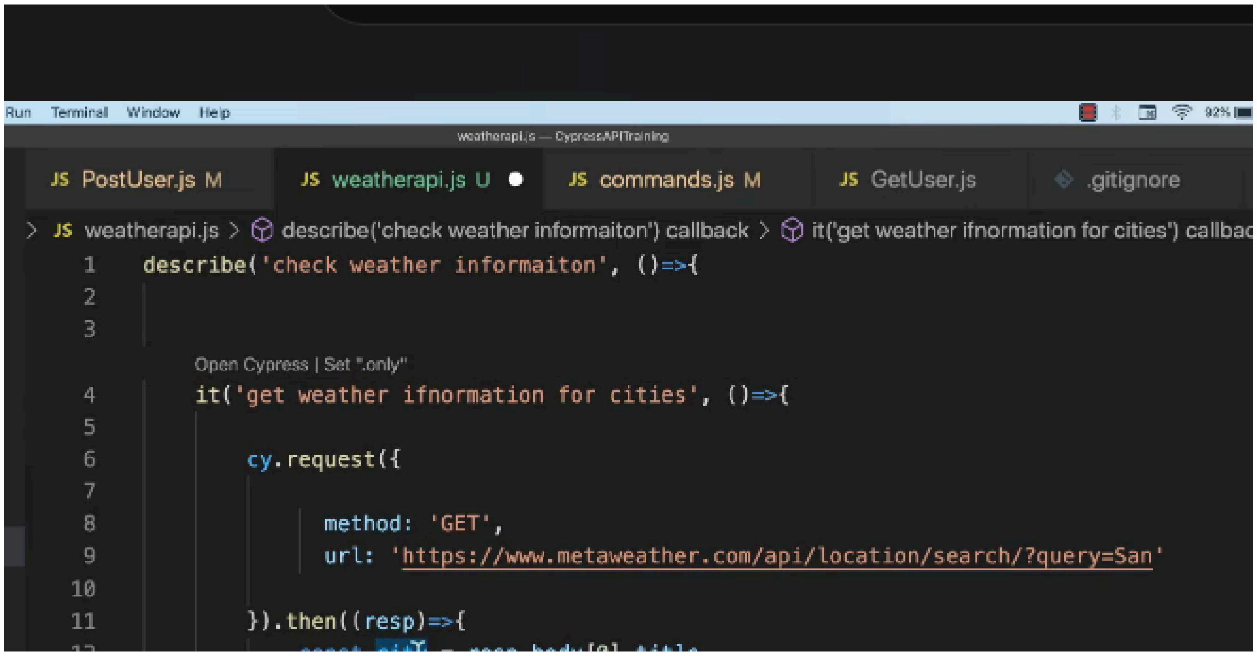
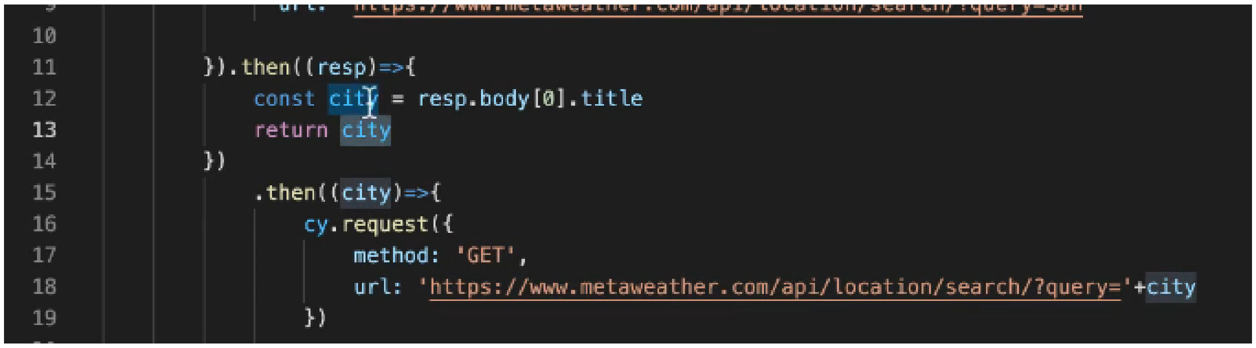
How to pass single value or complete array from one request to another request using chaining in Cypress

Chaining

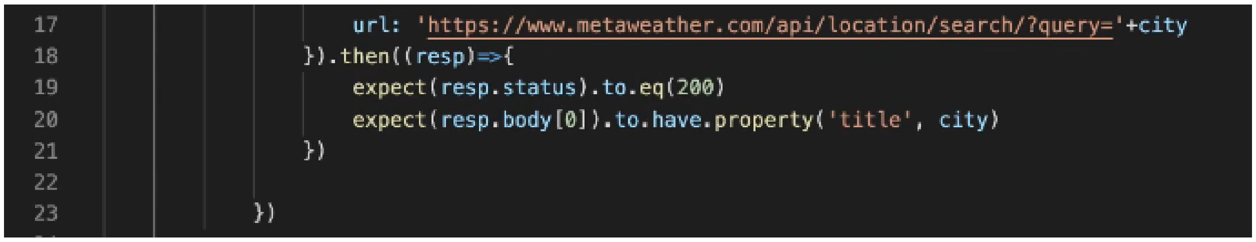

Run Terminal Window Help
weatherapi.js — CypressAPITraining
PostUser.js M
weatherapi.js U
commands.js M
GetUser.js
.gitignore
weatherapi.js > describe('check weather informaiton') callback > it('get weather ifnormation for cities') callback
Open Cypress | Set ".only"

```
describe('check weather informaiton', ()=>{


    it('get weather ifnormation for cities', ()=>{

        cy.request({

            method: 'GET',
            url: 'https://www.metaweather.com/api/location/search/?query=San'

        }).then((resp)=>{
            const city = resp.body[0].title
```

Using return also we can pass data to next **then** call.
Supply the same value which you are returning in the corresponding **then** statement to work with that variable.

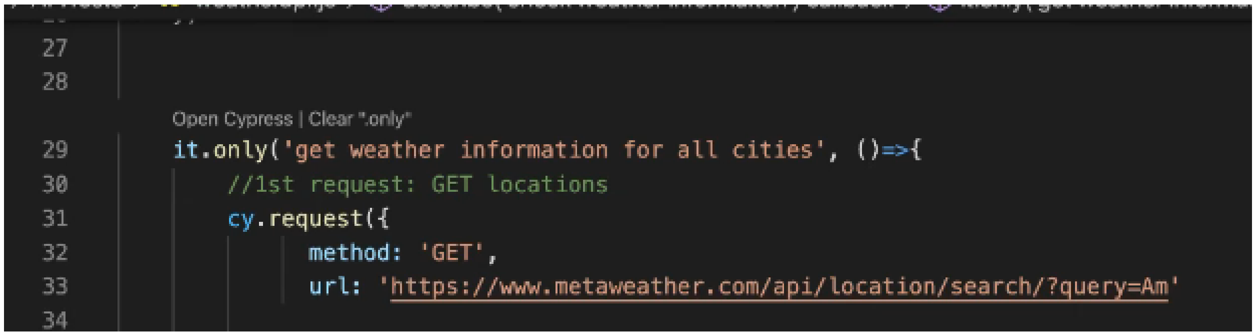


```
            url: 'https://www.metaweather.com/api/location/search/?query=San
    
    }).then((resp)=>{
        const city = resp.body[0].title
        return city
    })
        .then((city)=>{
            cy.request({
                method: 'GET',
                url: 'https://www.metaweather.com/api/location/search/?query='+city
            })
```

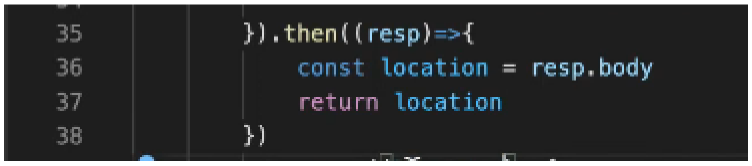


```
                url: 'https://www.metaweather.com/api/location/search/?query='+city
            }).then((resp)=>{
                expect(resp.status).to.eq(200)
                expect(resp.body[0]).to.have.property('title', city)
            })
    
        })
```

Another chaining

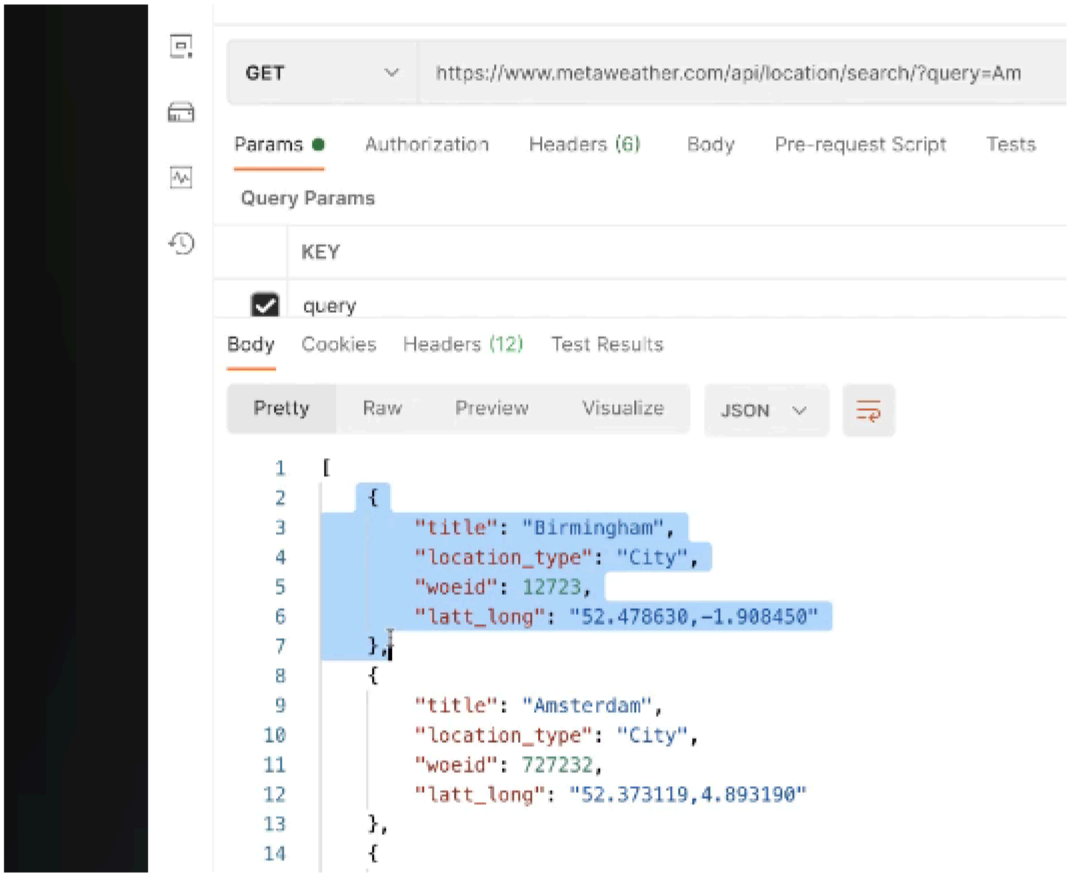


```


Open Cypress | Clear ".only"
it.only('get weather information for all cities', ()=>{
    //1st request: GET locations
    cy.request({
        method: 'GET',
        url: 'https://www.metaweather.com/api/location/search/?query=Am'

```



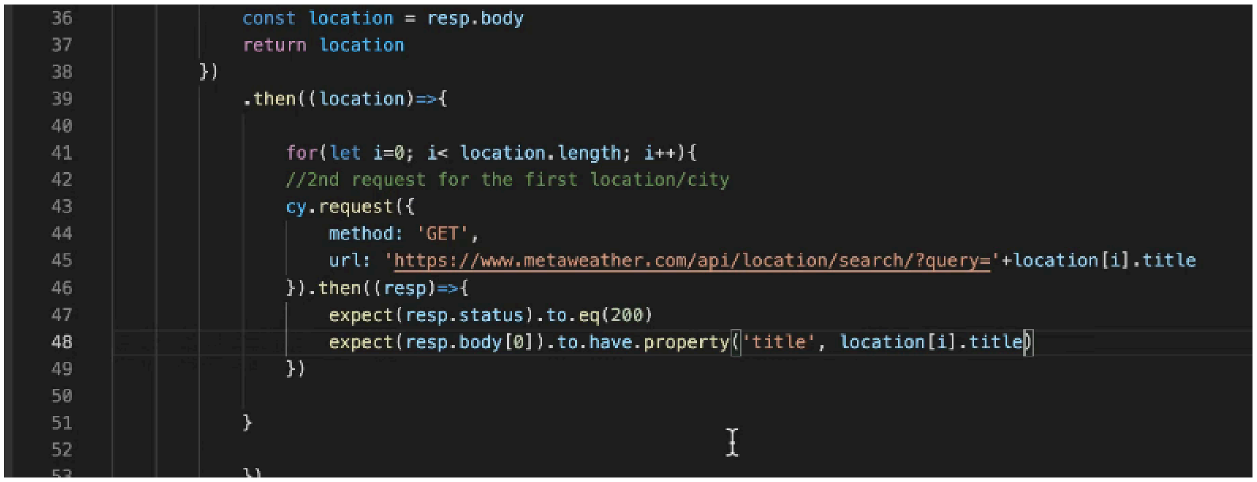
```
    }).then((resp)=>{
        const location = resp.body
        return location
    })
```

Using for loop to iterate over every location name.
Inside the for loop itself the request method will keep calling GET method for different locations.
Sample output:



```
https://www.metaweather.com/api/location/search/?query=Am
```

```
[
    {
        "title": "Birmingham",
        "location_type": "City",
        "woeid": 12723,
        "latt_long": "52.478630,-1.908450"
    },
    {
        "title": "Amsterdam",
        "location_type": "City",
        "woeid": 727232,
        "latt_long": "52.373119,4.893190"
    },
    {
```



```
            const location = resp.body
            return location
        })
            .then((location)=>{

                for(let i=0; i< location.length; i++){
                //2nd request for the first location/city
                cy.request({
                    method: 'GET',
                    url: 'https://www.metaweather.com/api/location/search/?query='+location[i].title
                }).then((resp)=>{
                    expect(resp.status).to.eq(200)
                    expect(resp.body[0]).to.have.property('title', location[i].title)
                })

            }

            })
```