

1. Test to see if CURL is working from you command line.

**Command:** curl google.com

**Output:**

```
λ curl google.com
<HTML><HEAD><meta http-equiv="content-type" content="text/html; charset=utf-8">
<TITLE>301 Moved</TITLE></HEAD><BODY>
<H1>301 Moved</H1>
The document has moved
<A HREF="http://www.google.com/">here</A>.
</BODY></HTML>
```

2. You can check this by using the -i option

**Command:** curl -i google.com

**Output:**

```
λ curl -i google.com
HTTP/1.1 301 Moved Permanently
Location: http://www.google.com/
Content-Type: text/html; charset=UTF-8
Date: Fri, 25 Oct 2019 09:41:12 GMT
Expires: Sun, 24 Nov 2019 09:41:12 GMT
Cache-Control: public, max-age=2592000
Server: gws
Content-Length: 219
X-XSS-Protection: 0
X-Frame-Options: SAMEORIGIN

<HTML><HEAD><meta http-equiv="content-type" content="text/html; charset=utf-8">
<TITLE>301 Moved</TITLE></HEAD><BODY>
<H1>301 Moved</H1>
The document has moved
<A HREF="http://www.google.com/">here</A>.
</BODY></HTML>
```

3. Look at website <http://dummy.restapiexample.com>. What would the curl command be to view all the employees?

**Command:** curl <http://dummy.restapiexample.com/api/v1/employees>

**Output:**

```
λ curl http://dummy.restapiexample.com/api/v1/employees
{"id":"5580","employee_name":"John","employee_salary":"21111","employee_age":"33","profile_image":""}, {"id":"5594","employee_name":"til","employee_salary":"1200","employee_age":"24","profile_image":""}, {"id":"5595","employee_name":"arun20","employee_salary":"123","employee_age":"33","profile_image":""}, {"id":"5596","employee_name":"arun21","employee_salary":"12","employee_age":"55","profile_image":""}, {"id":"5597","employee_name":"arun22","employee_salary":"131","employee_age":"89","profile_image":""}, {"id":"5598","employee_name":"arun23","employee_salary":"1221312","employee_age":"9925","profile_image":""}, {"id":"5601","employee_name":"test","employee_salary":"123","employee_age":"23","profile_image":""}, {"id":"5602","employee_name":"Jacob","employee_salary":"100000","employee_age":"27","profile_image":""}, {"id":"5603","employee_name":"titiyi fahdki","employee_salary":"100","employee_age":"22","profile_image":""}, {"id":"5604","employee_name":"sigidu dhwil","employee_salary":"100","employee_age":"22","profile_image":""}, {"id":"5605","employee_name":"yukhonthorn","employee_salary":"1","employee_age":"1","profile_image":""}, {"id":"5606","employee_name":"khuhniygttt","employee_salary":"123","employee_age":"23","profile_image":""}, {"id":"5607","employee_name":"test2","employee_salary":"123","employee_age":"23","profile_image":""}, {"id":"5608","employee_name":"Shuygt44rrrr","employee_salary":"123","employee_age":"23","profile_image":""}, {"id":"5609","employee_name":"test123","employee_salary":"123","employee_age":"23","profile_image":""}, {"id":"5610","employee_name":"Shailesh456","employee_salary":"56000","employee_age":"24","profile_image":""}, {"id":"5611","employee_name":"Shailesh457","employee_salary":"56001","employee_age":"25","profile_image":""}, {"id":"5612","employee_name":"Shailesh458","employee_salary":"56002","employee_age":"26","profile_image":""}, {"id":"5613","employee_name":"Shailesh459","employee_salary":"56003","employee_age":"27","profile_image":""}, {"id":"5614","employee_name":"Shailesh460","employee_salary":"56004","employee_age":"28","profile_image":""}, {"id":"5615","employee_name":"Shailesh461","employee_salary":"56005","employee_age":"29","profile_image":""}, {"id":"5616","employee_name":"Shailesh462","employee_salary":"56006","employee_age":"30","profile_image":""}, {"id":"5617","employee_name":"Shailesh463","employee_salary":"56007","employee_age":"31","profile_image":""}, {"id":"5618","employee_name":"test12323","employee_salary":"123","employee_age":"23","profile_image":""}]
```

4. Look at website <http://dummy.restapiexample.com>. What would the curl command be to view employee 2202?

Note: 2202 was not in above list so replaced with 5580.

**Command:** curl <http://dummy.restapiexample.com/api/v1/employee/5580>

**Output:**

```
λ curl http://dummy.restapiexample.com/api/v1/employee/5580
{"id":"5580","employee_name":"John","employee_salary":"21111","employee_age":"33","profile_image":""}
```

5. For the same web site how would you use curl to delete an employee?

**Command:** curl -X DELETE <http://dummy.restapiexample.com/api/v1/delete/5580>

**Output:**

```
λ curl -X DELETE http://dummy.restapiexample.com/api/v1/delete/5580
{"success":{"text":"successfully! deleted Records"}}
```

6. For the same website how would you use curl to create an employee, you may need to make the employee name unique?

**Command:** curl -i -d '{"name":"Mickey Mouse","salary":"9995123","age":"102"}' -H "Content-Type: application/json" -X POST <http://dummy.restapiexample.com/api/v1/create>

**Output:**

```
λ curl -i -d '{"name":"Mickey Mouse","salary":"9995123","age":"102"}' -H "Content-Type: application/json" -X POST http://dummy.restapiexample.com/api/v1/create
HTTP/1.1 200 OK
Server: nginx/1.16.0
Date: Fri, 25 Oct 2019 10:11:15 GMT
Content-Type: text/html; charset=UTF-8
Content-Length: 66
Connection: keep-alive
Vary: Accept-Encoding
Access-Control-Allow-Origin: *
Access-Control-Expose-Headers: Content-Type, X-Requested-With, X-authentication, X-client
Expires: Thu, 19 Nov 1981 08:52:00 GMT
PageSpeed: off
Pragma: no-cache
Referer-Policy:
Response: 200
Vary: Accept-Encoding,X-APP-JSON
X-Ezoic-Cdn: Miss
X-Middleware-Response: 200
X-Solr: pub_site
Set-Cookie: PHPSESSID=6c67808b13983ab3add33725f2b17802; path=/
Set-Cookie: ezoadgid_133674=-1; Path=/; Domain=restapiexample.com; Expires=Fri, 25 Oct 2019 10:41:14 UTC
Set-Cookie: ezoref_133674=; Path=/; Domain=restapiexample.com; Expires=Fri, 25 Oct 2019 12:11:14 UTC
Set-Cookie: ezoad_133674=mod1; Path=/; Domain=restapiexample.com; Expires=Fri, 25 Oct 2019 12:11:14 UTC
Set-Cookie: active_template::133674=pub_site.1571998274; Path=/; Domain=restapiexample.com; Expires=Sun, 27 Oct 2019 10:11:14 UTC
Set-Cookie: ezCMPCCS=false; Path=/; Domain=restapiexample.com; Expires=Sun, 25 Oct 2020 10:11:15 GMT
X-Varnish: 30726124
Age: 0
Via: 1.1 varnish (Varnish/6.0)
X-VCache: Miss
X-shard: 100224194
Accept-Ranges: bytes
Cache-Control: no-store, no-cache, must-revalidate

{"name":"Mickey Mouse","salary":"9995123","age":"102","id":"5779"}
```

7. For the same website how would you use curl to update an employee?

**Command:** curl -d '{"name":"Frank","salary":"91243","age":"63"}' -H "Content-Type: application/json" -X PUT <http://dummy.restapiexample.com/api/v1/update/5789>

**Output:**

```
λ curl -d '{"name":"Frank","salary":"91243","age":"63"}' -H "Content-Type: application/json" -X PUT http://dummy.restapiexample.com/api/v1/update/5789
{"name":"Frank","salary":"91243","age":"63"}
```