curl commands

To download file from URL using command line

- Using WGET

```
wget URL/<filename>.c
```

- Using CURL

```
curl -o file.c URL/<filename>.c
```

Before compiling C file

Run following commands:

```
curl-config --cflags
```

Result: -I/home/Rohit/anaconda3/include

```
curl-config --libs
```

Result: -L/home/Rohit/anaconda3/lib -lcurl

**If above commands gives blank output then link only '-lcurl'

Compile C file

Link the paths with C file as shown below:

```
gcc <filename>.c -I/home/Rohit/anaconda3/include -L/home/Rohit/anaconda3/lib -
lcurl
                        <Change with path displayed on your computer.>
```

If blank output of command is generated.

```
gcc <filename>.c -lcurl
```

Curl commands for rest api

GET:

```
    curl http://<IP>:/<port>

    curl http://<IP>:/<port>/path
```

POST:

```
    curl -X POST -d "curl" "http://<IP>:/<port>/path"

    curl -X POST -d "curl" "http://<IP>:<port>/key1=/key2"
    curl -X POST -d "key1=value1" "http://<IP>:<port>/path"
    curl -X POST -d "key1=value1" "http://<IP>:<port>/key1/key2"
    curl -X POST -d "key1=value1&key2=value2" "http://<IP>:<port>/key1/key2"
    curl -X POST -d \ "key1=value1&key2=value2" "http://<IP>:<port>/key1/key2"
    curl -X POST -d "key1=value1&key2=25&key3=value3" "http://<IP>:
  <port>/key1/key2"
```

DELETE:

```
    curl -X DELETE -d "key1=value1&key2=25&key3=value3" "http://<IP>:
  <port>/key1/key2"
```