

## Project Title:

Generating API key and doing a Post Request to the web API.

## Description:

Two java programs are written to do this project. "getRequest" class consist of a program that initiate the "GET" request from API. Hence the output from that program is the authentication key. "postRequest" class consist of a program that takes the authentication key to access the web API and initiates the "POST" request which post the name and email ID to the web API.

## Getting Started:

- Needs a IDE to run the two programs.
- First run the "getRequest" class to get API authentication key and then use that key to run the "postRequest" to post the requests.
- API- Keys are hidden.

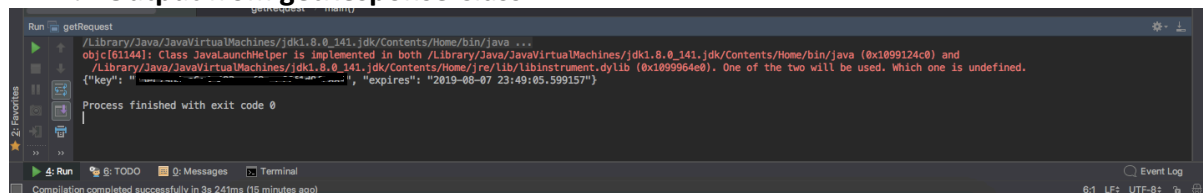
## Acknowledgements:

<https://dzone.com/articles/how-to-implement-get-and-post-request-through-simp>

<https://www.mkyong.com/java/how-to-send-http-request-getpost-in-java/>

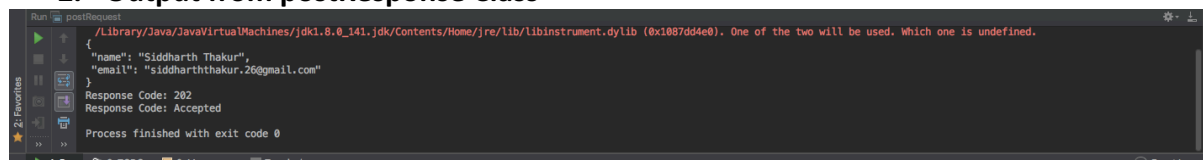
## Evidences:

### 1. Output from getResponse Class



```
Run - getRequest
/Library/Java/JavaVirtualMachines/jdk1.8.0_141.jdk/Contents/Home/bin/java ...
objc[61144]: Class javaLaunchHelper is implemented in both /Library/Java/JavaVirtualMachines/jdk1.8.0_141.jdk/Contents/Home/bin/java (0x1099124c0) and
/Library/Java/JavaVirtualMachines/jdk1.8.0_141.jdk/Contents/Home/jre/lib/libinstrument.dylib (0x1099964e0). One of the two will be used. Which one is undefined.
{"key": " ", "expires": "2019-08-07 23:49:05.599157"}
Process finished with exit code 0
```

### 2. Output from postResponse Class



```
Run - postRequest
/Library/Java/JavaVirtualMachines/jdk1.8.0_141.jdk/Contents/Home/jre/lib/libinstrument.dylib (0x1087dd4e0). One of the two will be used. Which one is undefined.
{"name": "Siddharth Thakur",
 "email": "siddharththakur.26@gmail.com"}
Response Code: 202
Response Code: Accepted
Process finished with exit code 0
```