

## Task 2 :

### ➤ What do you think about its quality?

- Code Quality can be measured in number of ways.
- In my opinion with the knowledge I have, I would classify this code as bad quality (not up to the mark). Main reason for that are, used structure & low security of code.

### ➤ Can you find any problems?

I have run code provided by you and got error “Failed to open stream: HTTP request failed! HTTP/1.1 404 Not Found”. For me below are the problems,

- Data is passed in GET method where in requirement it was mention to use POST method.
- Header is not passed
- I have corrected above problems and now code & Result looks like below

### Code

```
o <?php
o
o $postdata = http_build_query(
o     array(
o         'client_id' => 'ju16a6m81mhid5ue1z3v2g0uh',
o         'email' => 'mital@gmail.com',
o         'name' => 'Mital'
o     )
o );
o
o $opts = array('http' =>
o     array(
o         'method' => 'POST',
o         'header' => 'Content-Type: application/x-www-form-
o             urlencoded',
o         'content' => $postdata
o     )
o );
o
o $context = stream_context_create($opts);
o
```

```

○ $result =
  file_get_contents('https://api.supermetrics.com/assignment/register'
  , false, $context);
○ echo '<pre>';
○ print_r($result);
○ exit;
○
○ ?>

```

**Result:**

```

{
  "meta": {
    "request_id": "0kJM4Q3J3wStC1hEtDbnIfsZtuqiSwn4"
  },
  "data": {
    "client_id": "ju16a6m81mhid5ue1z3v2g0uh",
    "email": "mital@gmail.com",
    "sl_token": "smlt_92384e11af6_6bcf569a5316"
  }
}

```

### ➤ How would you suggest to improve it?

- I would suggest to make below changes to the code to improve it,
  - Token to be used to access API to increase security
  - CURL needs to be used instead of file\_get\_contents() . CURL is more secure and faster than file\_get\_contents()
  - Request data need to be encrypted
  - Response generated using code is not encrypted as well (We should have used encryption method to do that)