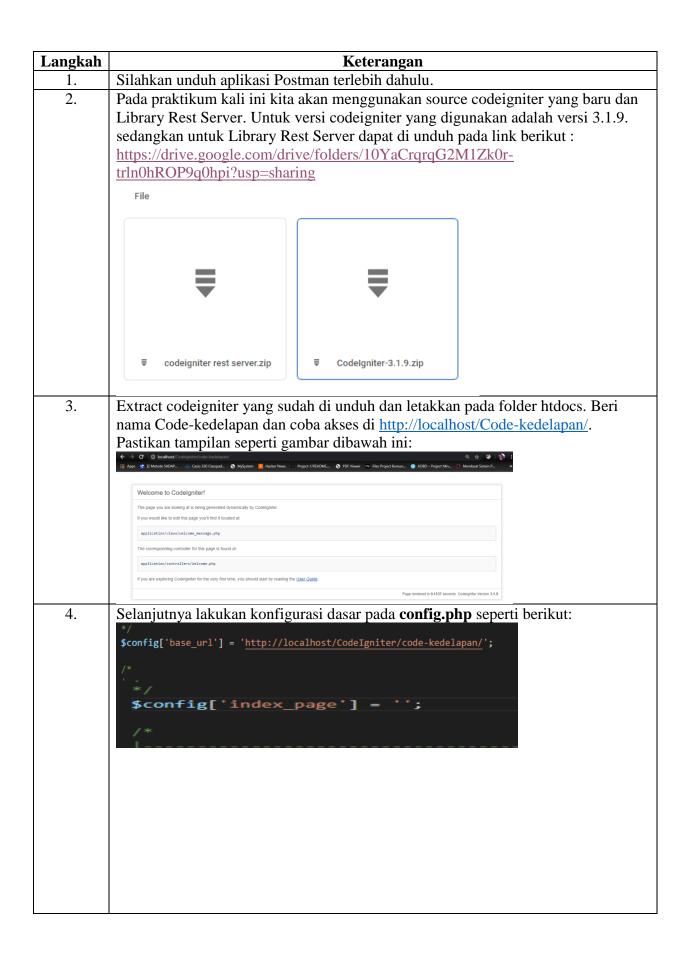
JOBSHEET 8: IMPLEMENTASI RESTFUL API

PEMOGRAMAN WEB LANJUT



POLITEKNIK NEGERI MALANG MARET 2020

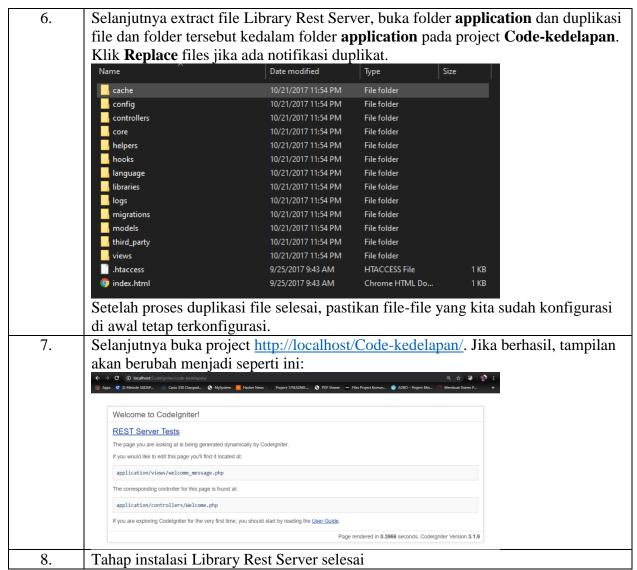


```
Dan file autoload.php
                                $autoload['libraries'] = array('database');
                                 $autoload['helper'] = array('url');
                           Dan database.php seperti berikut:
                                $active_group = 'default';
                                $query_builder = TRUE;
                                $db['default'] = array(
                                                  'dsn' => '',
'hostname' => 'localhost',
                                                'hostname' => 'localhost',
'username' => 'root',
'password' => '',
'database' => 'rest_server',
'dbdriver' => 'mysqli',
'dbprefix' => '',
'pconnect' => FALSE,
'db_debug' => (ENVIRONMENT !== 'production'),
'cache_on' => FALSE,
'cachedir' => '',
'char_set' => 'utf8',
'dbcollat' => 'utf8_general_ci',
'swap_pre' => '',
'encrypt' => FALSE,
                                                 'encrypt' => FALSE,
                                                 'compress' => FALSE,
                                                 'stricton' => FALSE,
'failover' => array(),
                                                  'save_queries' => TRUE
                                );
5.
                           Selanjutnya buatlah database rest_server pada phpmyadmin dan masukkan data
                           dummy. Untuk data dummy dapat dibuat sebagai berikut:
                                               🖭 🔠 projek
                                                🗀 🔠 rest server
                           Server: 127.0.0.1 » @ Basis data: rest_server
                           😭 Struktur 🚜 SQL 🔑 Cari 😝 Kueri 👸 Ekspor 🎉 Impor ஜ Operasi 🏚 Hak Akses 🦓 Routine 🚫 Event 🐹 Trigger 🔻 Lainnya
                             [Edit dikotak] [ Ubah ] [ Buat kode PHP ]
                                SERT INTO 'manasiswa' ('id', 'm'p', 'nama', 'email', 'jurusan') YULUES (1, '043040001', 'Doddy Ferdiansyah', 'doy@gmail.com', 'Teknik Mesin'), (2, '023040123', frik', 'erid@gmail.com', 'Teknik Industri'), (3, '04304021', 'Bommy Fauri', 'rommy@gmail.com', 'Teknik Planologi'), (4, '033040023', 'Ferjar Darmawan', 'gampy@moc.om', 'Momajemoc.om', 'Momaj
                               [Edit dikotak] [ Ubah ] [ Buat kode PHP ]

✓ MySQL memberikan hasil kosong (atau nol baris). (Pencarian dilakukan dalam 0,0000 detik.)

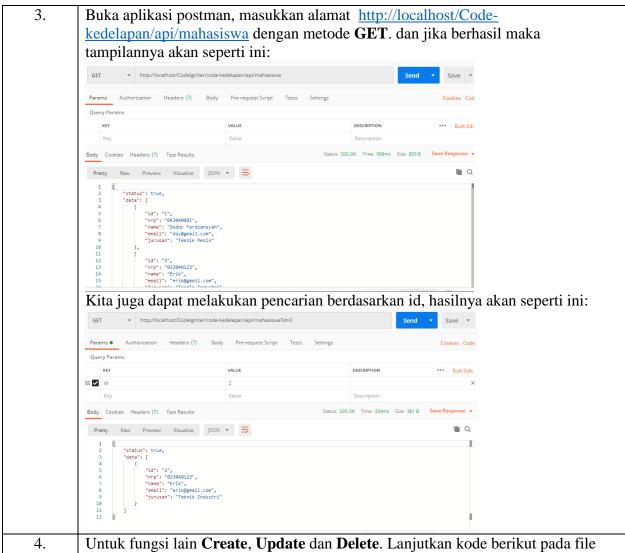
ALTER TABLE 'mahasiswa' MODIFY 'id' int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=33

                                                                                                                                                                                        [Edit dikotak] [ Ubah ] [ Buat kode PHP ]
```



<u>Praktikum – Bagian 1: Instalasi library restful codeigniter</u>



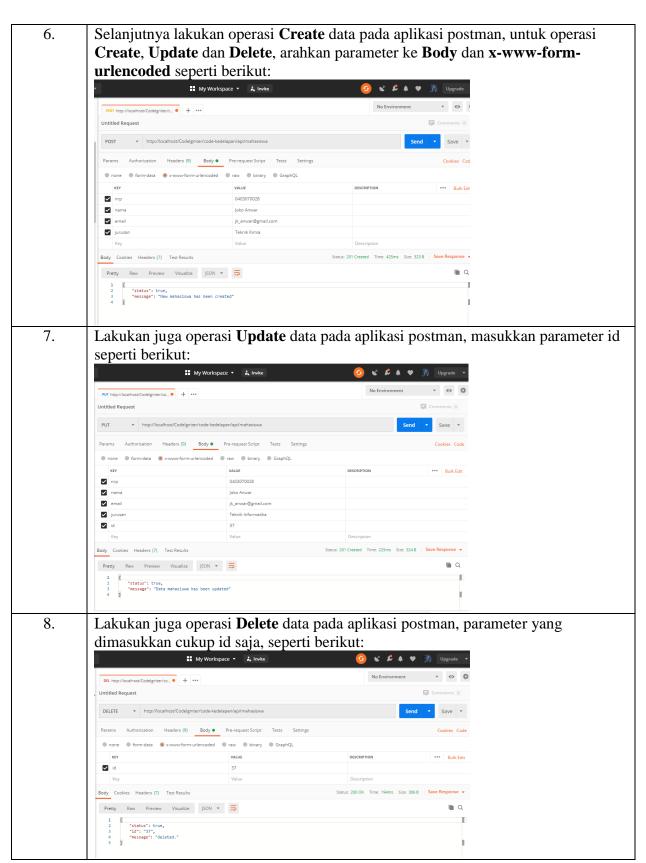


4. Untuk fungsi lain **Create**, **Update** dan **Delete**. Lanjutkan kode berikut pada file **mahasiswa.php**:

```
ndatabase.php
                     Mahasiswa.php X
application > controllers > api > 🤲 Mahasiswa.php
             public function index delete() {
                 $id = $this->delete('id');
                 if($id === null) {
                      $this->response([
                           'status' => false,
'message' => 'provide an id!'
                      ], REST_Controller::HTTP_BAD_REQUEST);
                      if($this->mahasiswa->deleteMahasiswa($id) > 0) {
                           $this->response([
                                'id' => $id,
                           ], REST_Controller::HTTP_OK);
                      }else {
                           $this->response([
                                'status' => false,
'message' => 'id not found!'
                           ], REST_Controller::HTTP_BAD_REQUEST);
                     Mahasiswa.php ×
en database.php
application > controllers > api > 🤲 Mahasiswa.php
             public function index_post() {
                 $data = [
                      'nrp' => $this->post('nrp'),
'nama' => $this->post('nama'),
'email' => $this->post('email'),
                      'jurusan' => $this->post('jurusan'),
                  if($this->mahasiswa->createMahasiswa($data) > 0) {
                      $this->response([
                           'status' => true,
'message' => 'New mahasiswa has been created'
                      ], REST_Controller::HTTP_CREATED);
                      $this->response([
                            'status' => false,
'message' => 'Failed to create new data!'
                      ], REST_Controller::HTTP_BAD_REQUEST);
```

```
😭 database.php
                    Mahasiswa.php ×
application > controllers > api > 🦬 Mahasiswa.php
            public function index_put() {
                 $id = $this->put('id');
                 $data = [
                    'nrp' => $this->put('nrp'),
'nama' => $this->put('nama'),
                     'email' => $this->put('email'),
                      'jurusan' => $this->put('jurusan'),
                 if($this->mahasiswa->updateMahasiswa($data, $id) > 0) {
                     $this->response([
                          'status' => true,
'message' => 'Data mahasiswa has been updated'
                     ], REST_Controller::HTTP_CREATED);
                     $this->response([
                          'status' => false,
'message' => 'Failed to update data!'
                     ], REST_Controller::HTTP_BAD_REQUEST);
```

5. Dan lanjutkan kode pada file **Mahasiswa_model.php**:



<u>Praktikum – Bagian 2: Membuat Aplikasi CRUD Restful Codeigniter</u>