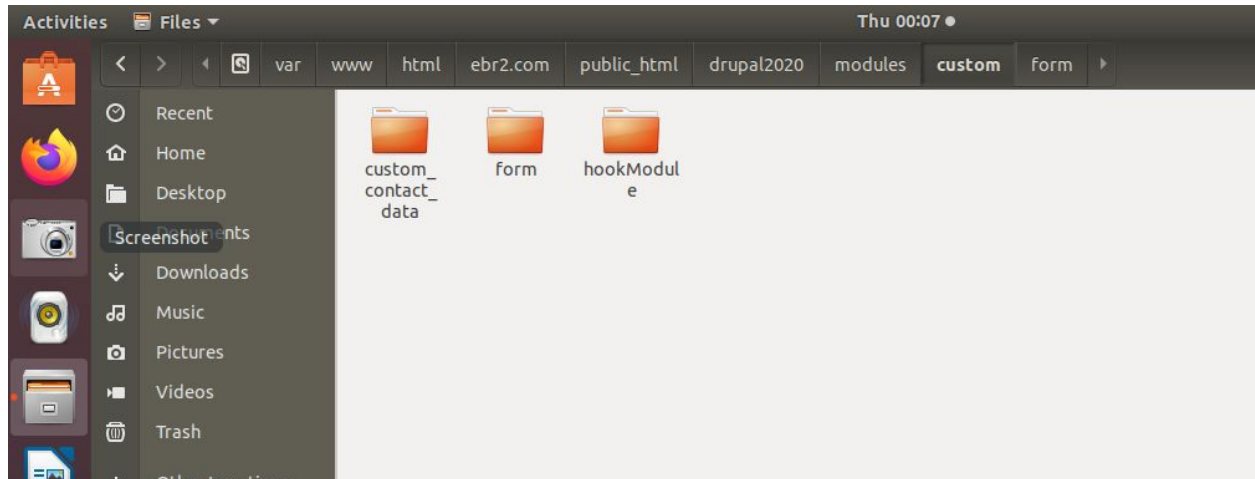


Assignment

Custom Controllers, Form, Services

Q1) Create a separate module named as 'custom_contact_data' for these tasks.

Ans:-

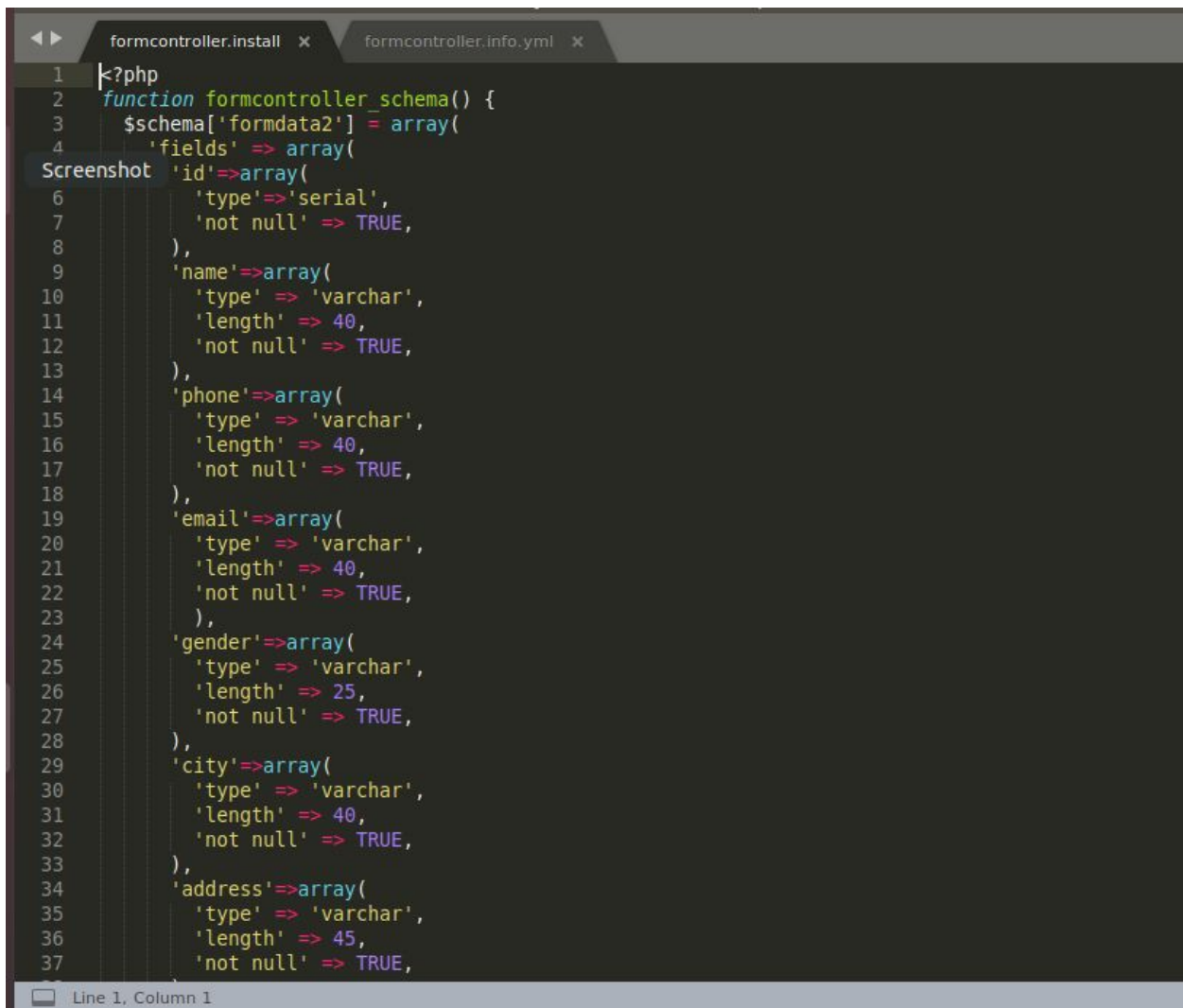


Q2) Create a simple form, submit values will be inserted to the define schema. See below for form and schema fields.

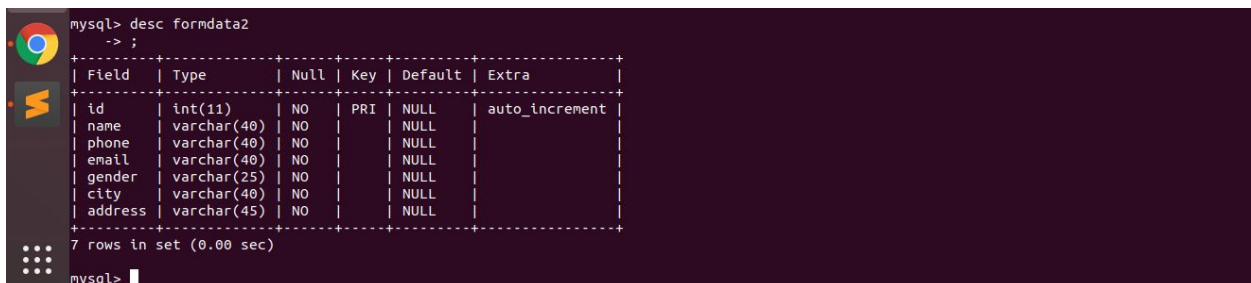
- > Name
- > Gender
- > Phone no
- > Email Id
- > Address
- > City

Also add validation for above fields as per as fields behaviour

Ans:-



```
1 |<?php
2 |function formcontroller_schema() {
3 |    $schema['formdata2'] = array(
4 |        'fields' => array(
5 |            'id'=>array(
6 |                'type'=>'serial',
7 |                'not null' => TRUE,
8 |            ),
9 |            'name'=>array(
10 |                'type' => 'varchar',
11 |                'length' => 40,
12 |                'not null' => TRUE,
13 |            ),
14 |            'phone'=>array(
15 |                'type' => 'varchar',
16 |                'length' => 40,
17 |                'not null' => TRUE,
18 |            ),
19 |            'email'=>array(
20 |                'type' => 'varchar',
21 |                'length' => 40,
22 |                'not null' => TRUE,
23 |            ),
24 |            'gender'=>array(
25 |                'type' => 'varchar',
26 |                'length' => 25,
27 |                'not null' => TRUE,
28 |            ),
29 |            'city'=>array(
30 |                'type' => 'varchar',
31 |                'length' => 40,
32 |                'not null' => TRUE,
33 |            ),
34 |            'address'=>array(
35 |                'type' => 'varchar',
36 |                'length' => 45,
37 |                'not null' => TRUE,
```



```
mysql> desc formdata2
-> ;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
name	varchar(40)	NO		NULL	
phone	varchar(40)	NO		NULL	
email	varchar(40)	NO		NULL	
gender	varchar(25)	NO		NULL	
city	varchar(40)	NO		NULL	
address	varchar(45)	NO		NULL	

```
7 rows in set (0.00 sec)
mysql>
```

Q3) Create a route and display the above submitted data. Also this list will be accessible for only admin users.

Ans:-

Routing file.

```
formcontroller:
  path: '/myform'
  defaults:
    _form: '\Drupal\formcontroller\Forms\SimpleForm'
    _title: 'My Custom Form'
  requirements:
    _permission: 'access content'

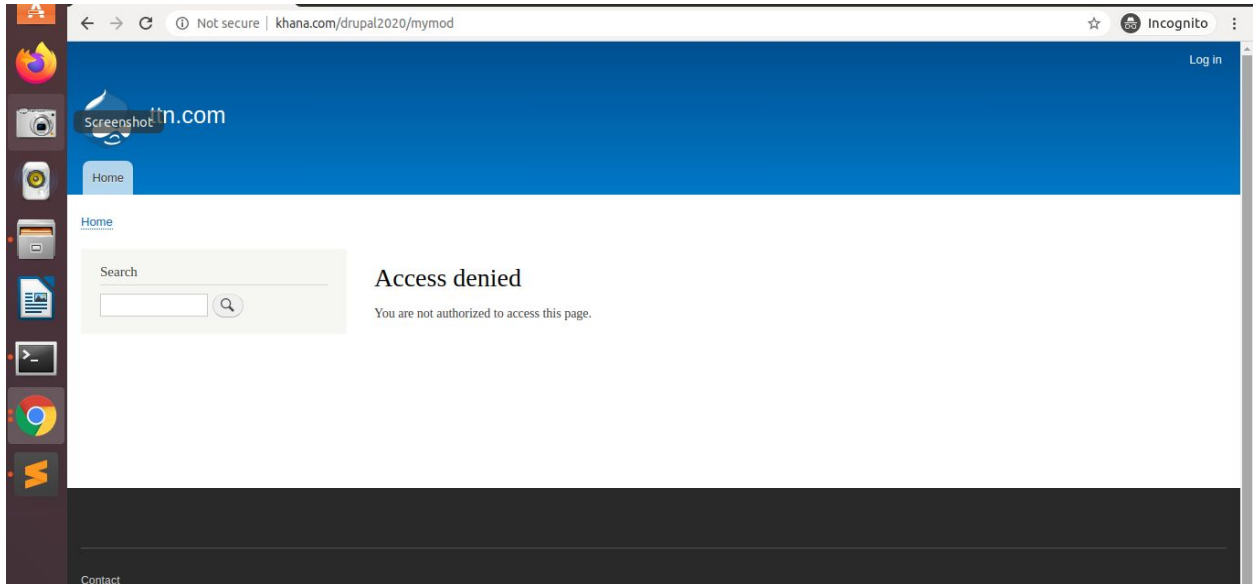
mymod.content:
  path: '/mymod'
  defaults:
    _controller: '\Drupal\formcontroller\Controller\FormController::content'
    _title: 'Form Data'
  requirements:
    _role: 'administrator'
```

Access by only the admin from Submitted data into the database.

The screenshot shows a web browser displaying a Drupal 2020 admin interface. The page title is "Form Data" and the URL is "khana.com/drupal2020/mymod". The interface includes a search bar, a "Tools" section with an "Add content" link, and a table titled "Form Data" showing data from a custom form. The table has columns for Name, Gender, Phone, Email, City, and Address. The data is as follows:

Name	Gender	Phone	Email	City	Address
ebrhim	MALE	9044343905	ebrahim@gmail.com	new delhi	new delhi
aziz	MALE	7524949213	aziz@gmail.com	new delhi	new delhi
pawan	MALE	7524949213	pawan@gmail.com	new delhi	new delhi
mayank	MALE	7524949213	mayank@gmail.com	new delhi	new delhi
usama	MALE	7524949213	usama@gmail.com	new delhi	new delhi
ayush	MALE	7524949213	ayush@gmail.com	new delhi	new delhi
eram	FEMALE	7524949213	eram@gmail.com	new delhi	new delhi
akbar	MALE	9044343905	akbar@gmail.com	delhi	new delhi

Anonymous users can't access it.



Q4) Create a sample form of Ajax and Configuration Form.

Ans:- code file is uploaded on git.

