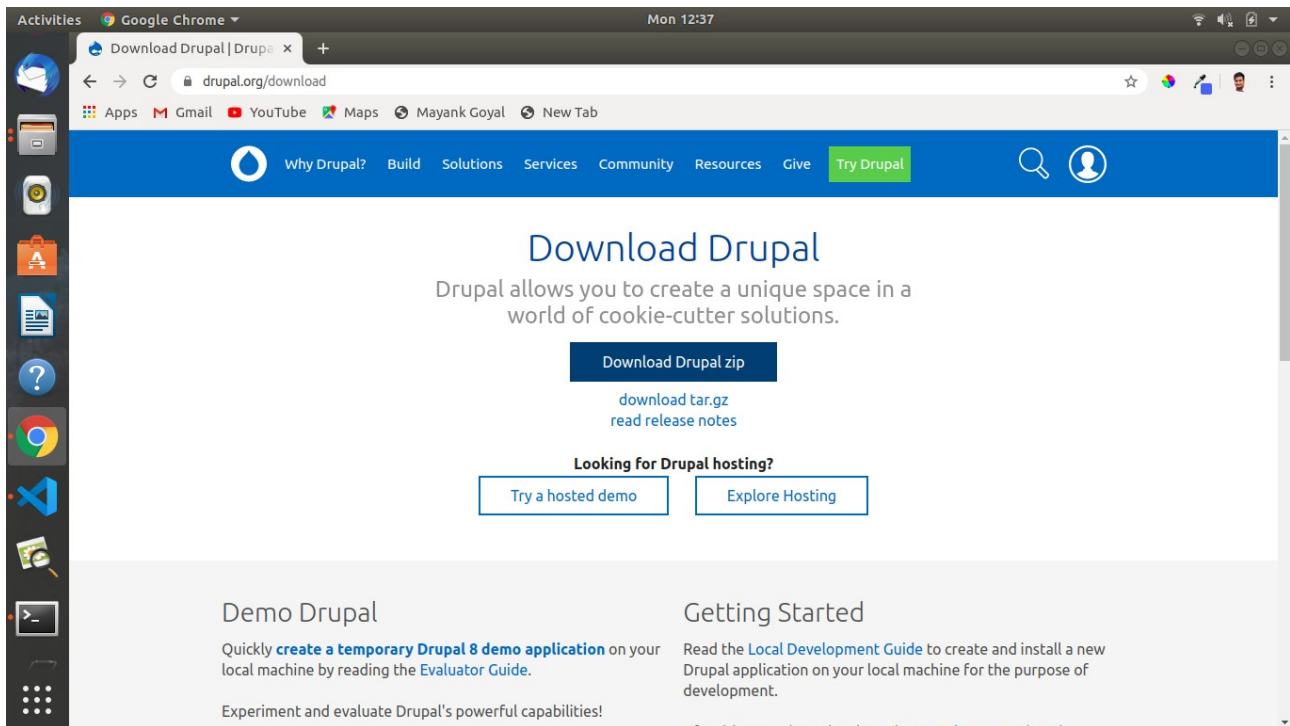Q1 Install a new drupal named as Bootcamp2020
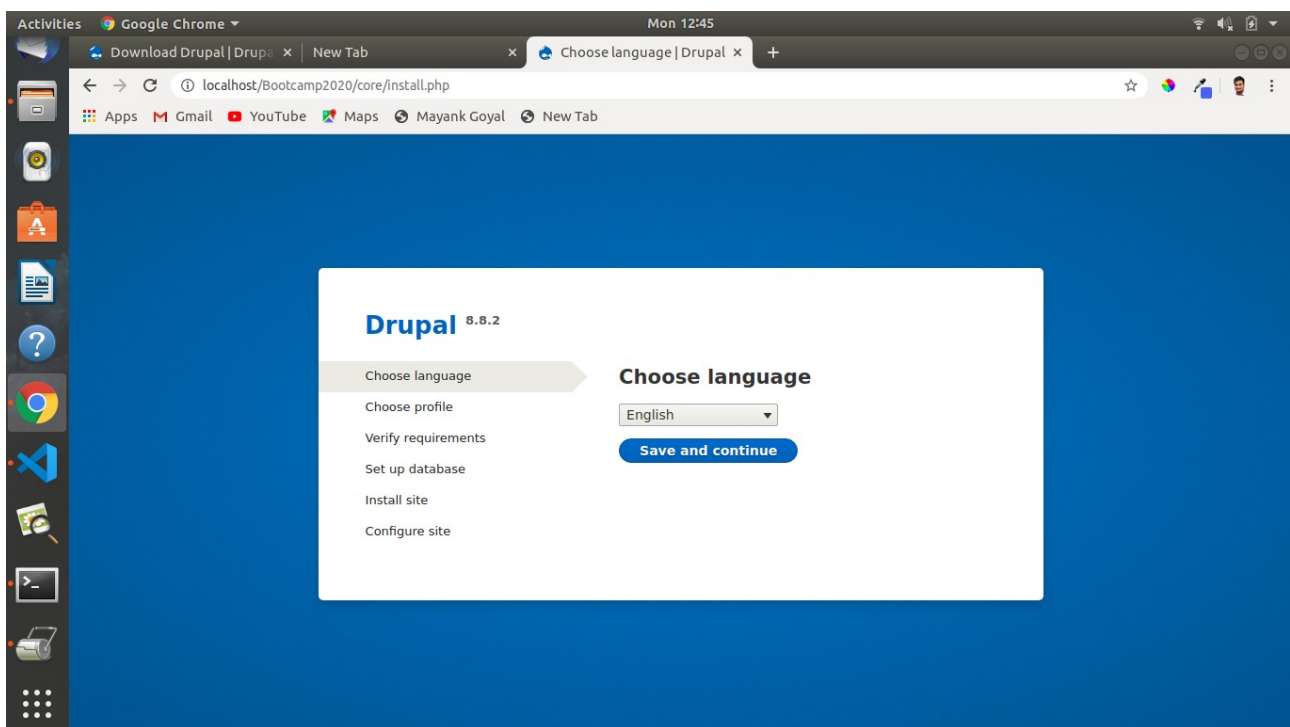soln :-1

Step1: Go to www.grupal.org and download zip or tar file as needed
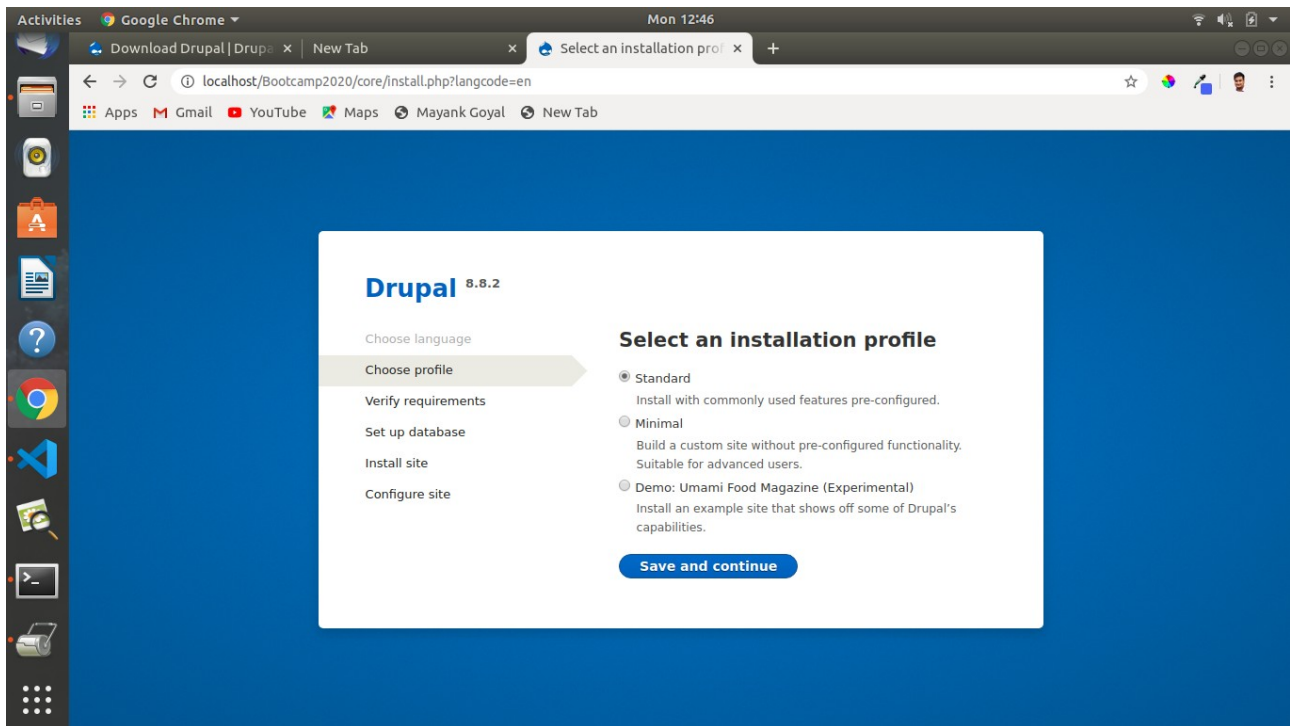

step2 :- unzip file and copy it with name BOOTCAMP2020 in var/www/html

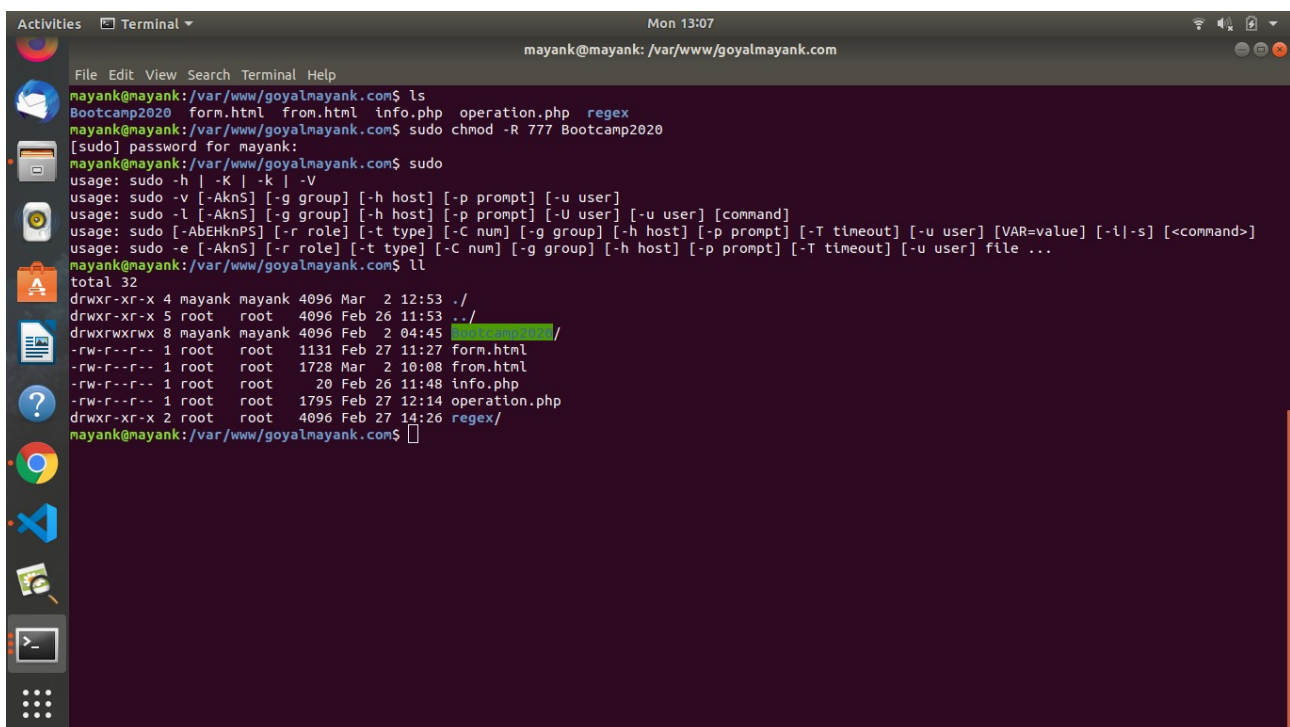step2 :- open localhoat and open the folder

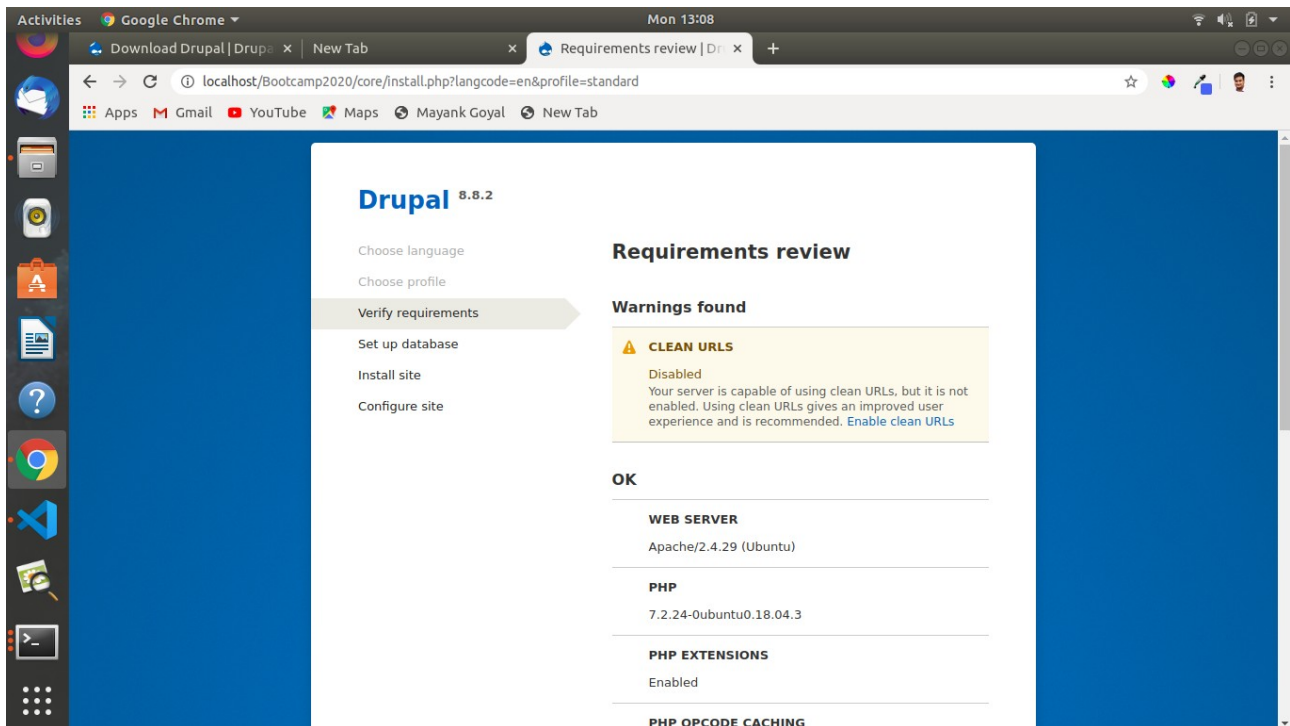step 3 :- choose profile(preffered as standrad)
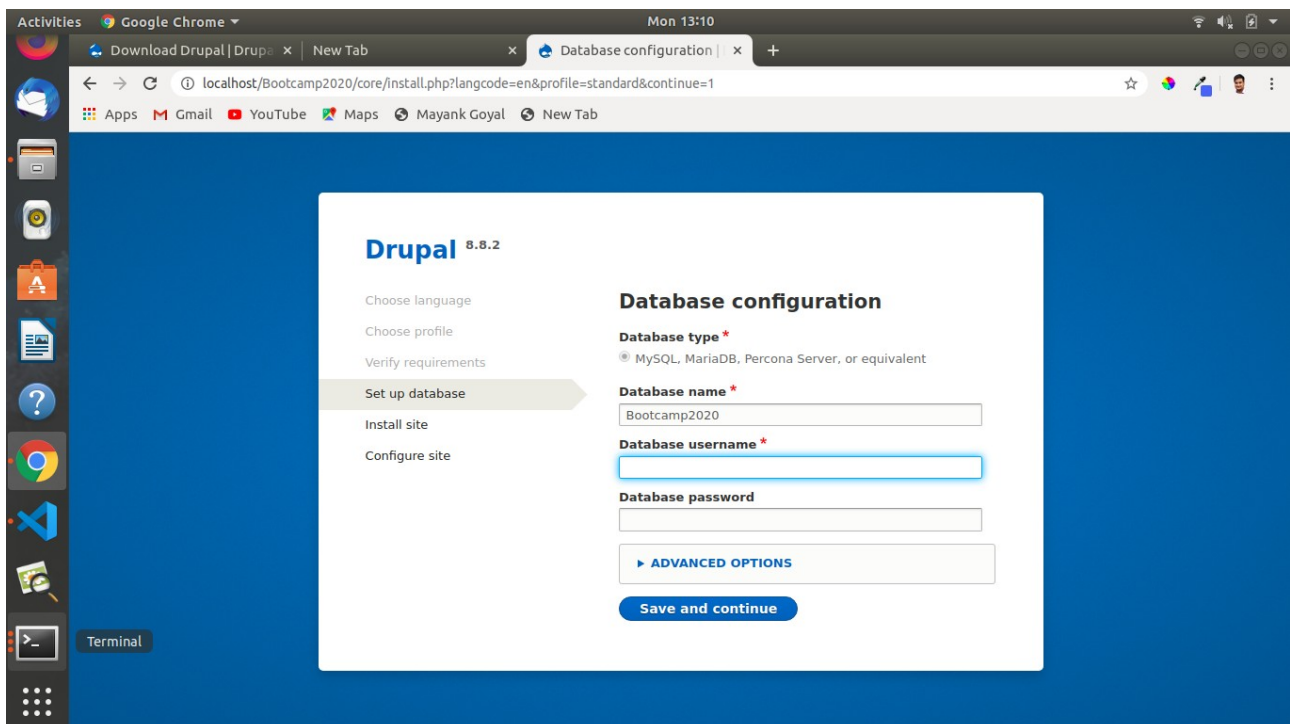

step 4:- set settings

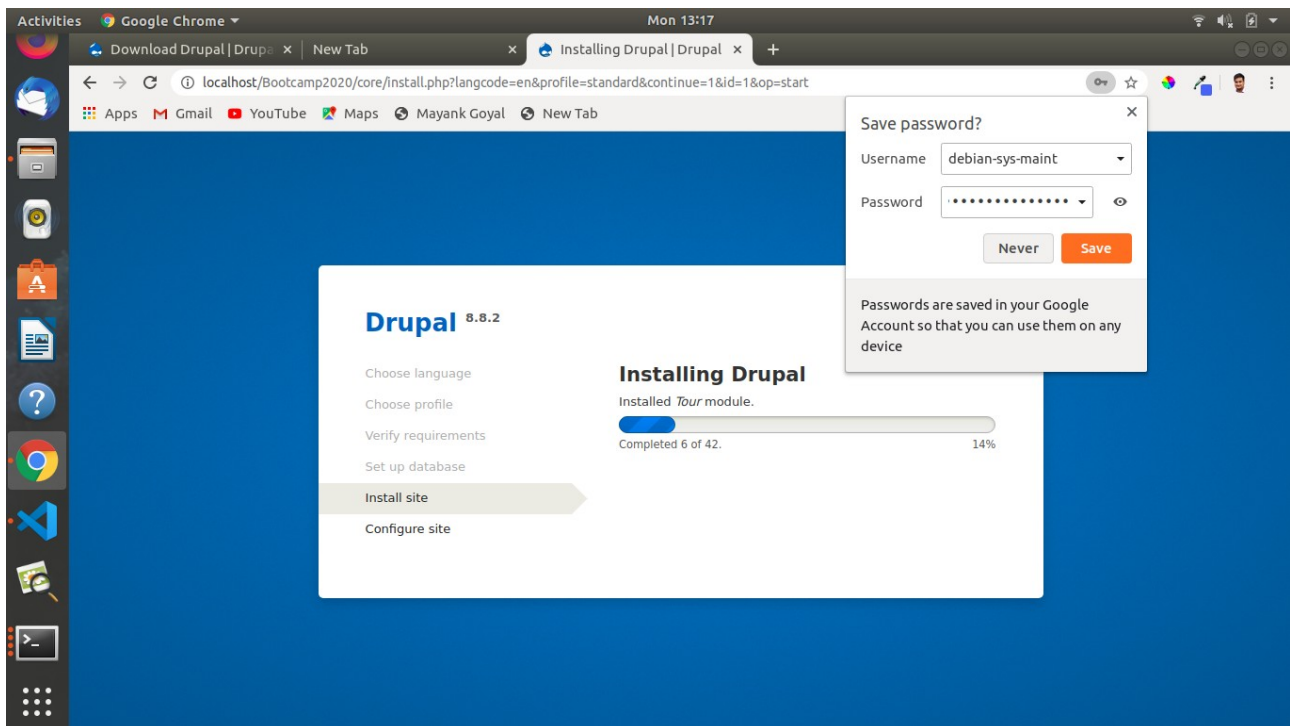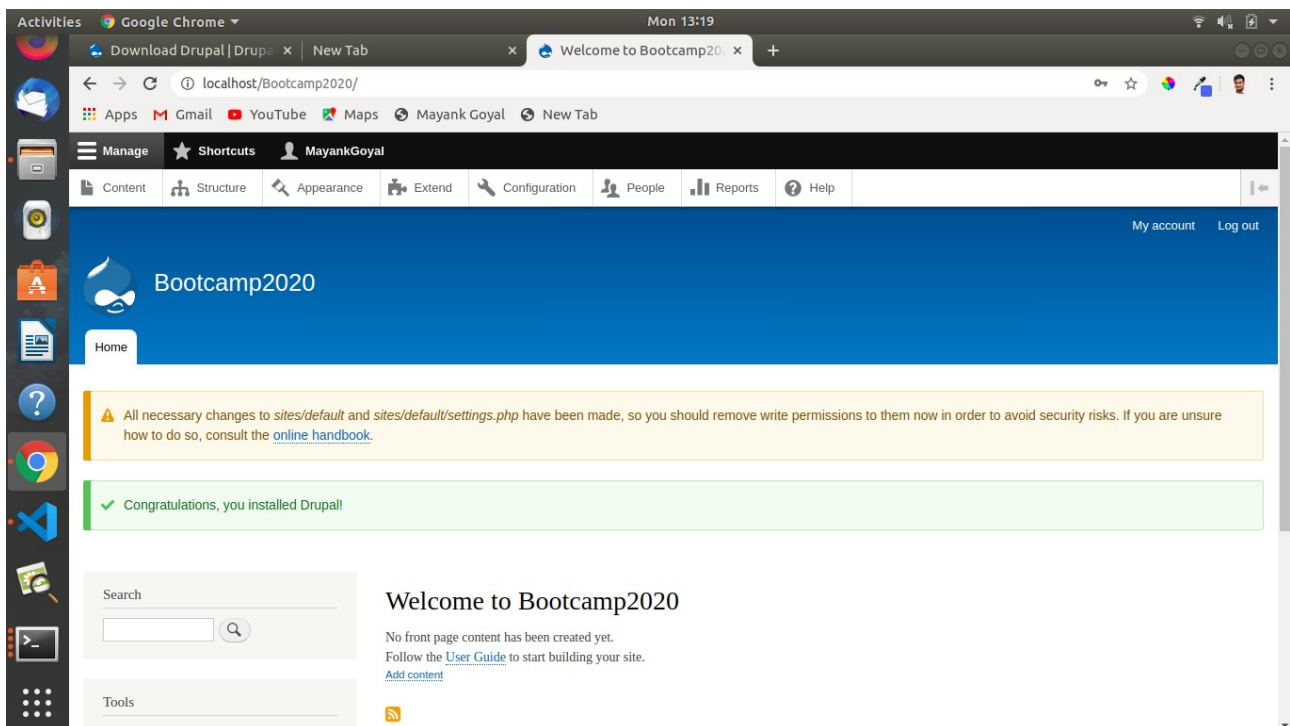1.change user mode to new file created as:-

2. create the file settings.php

Step 5:-   set up database add database name , username and passwords

step 5:- click on install site

Step 6: configure the site

Ques 2 :- Write down the name of bydefault field-types available in Drupal 8.

Soln:-
boolean

•changed
•comment
•created
•datetime
•daterange
•decimal
•email
•entity_reference
•file
•float
•image
•integer
•language
•link
•list_float
•list_integer
•list_string
•map
•password
•path
•string
•string_long
•telephone
•text
•text_long
•text_with_summary
•timestamp
•uri
•uuid

Ques3:-Create a new Content Type named as "Book" with below fields -
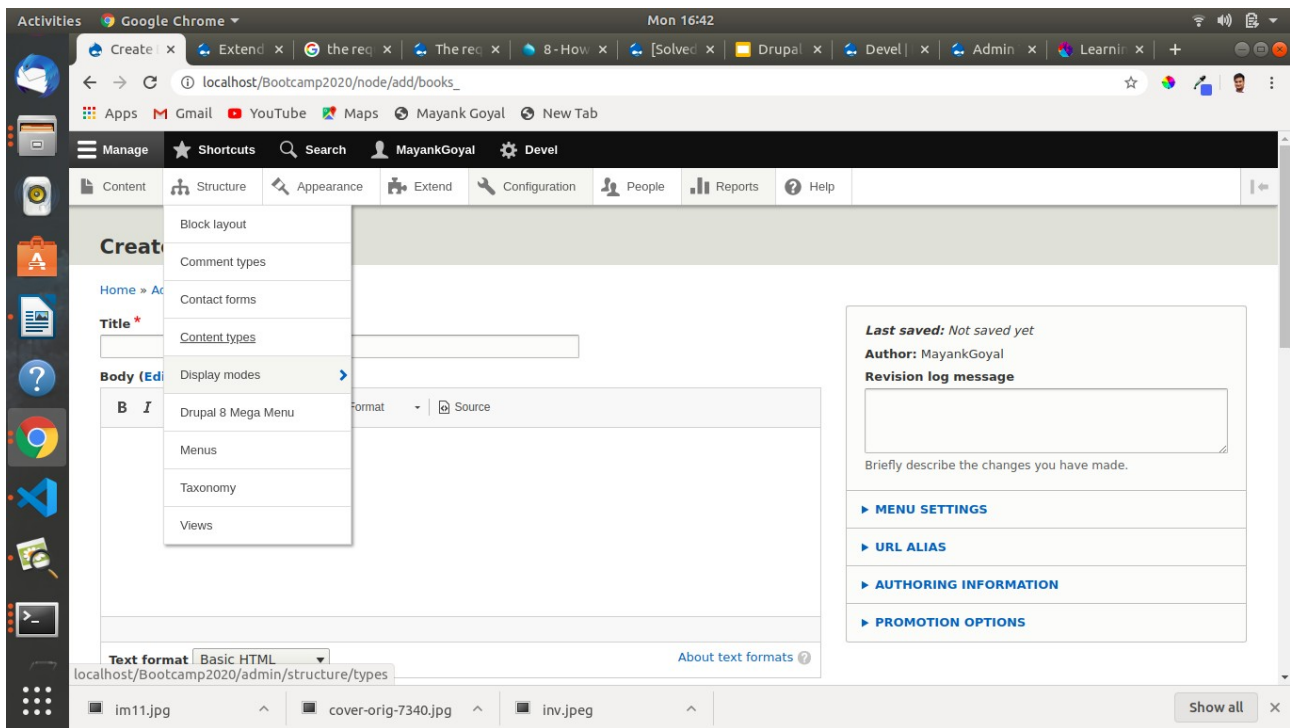Book Name (Text)
Description (Text - Formatted long)
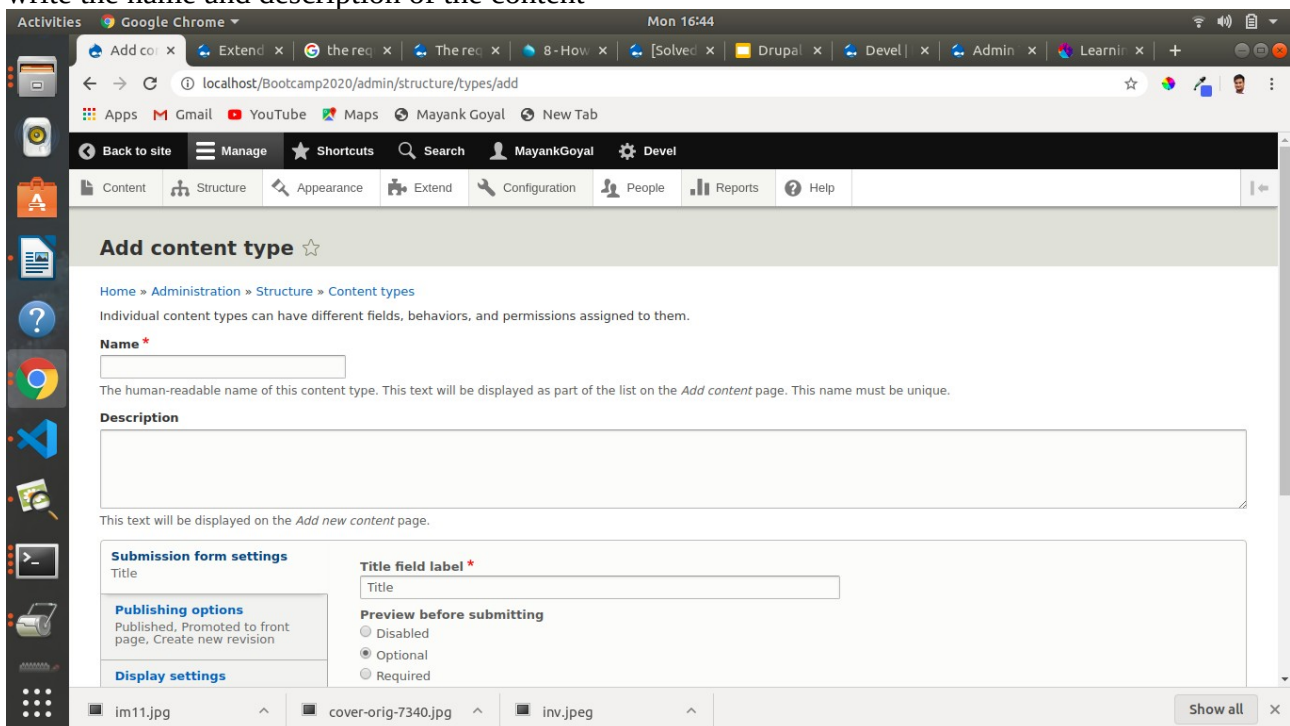Book Image (Image)
Book Price (Number - Integer)
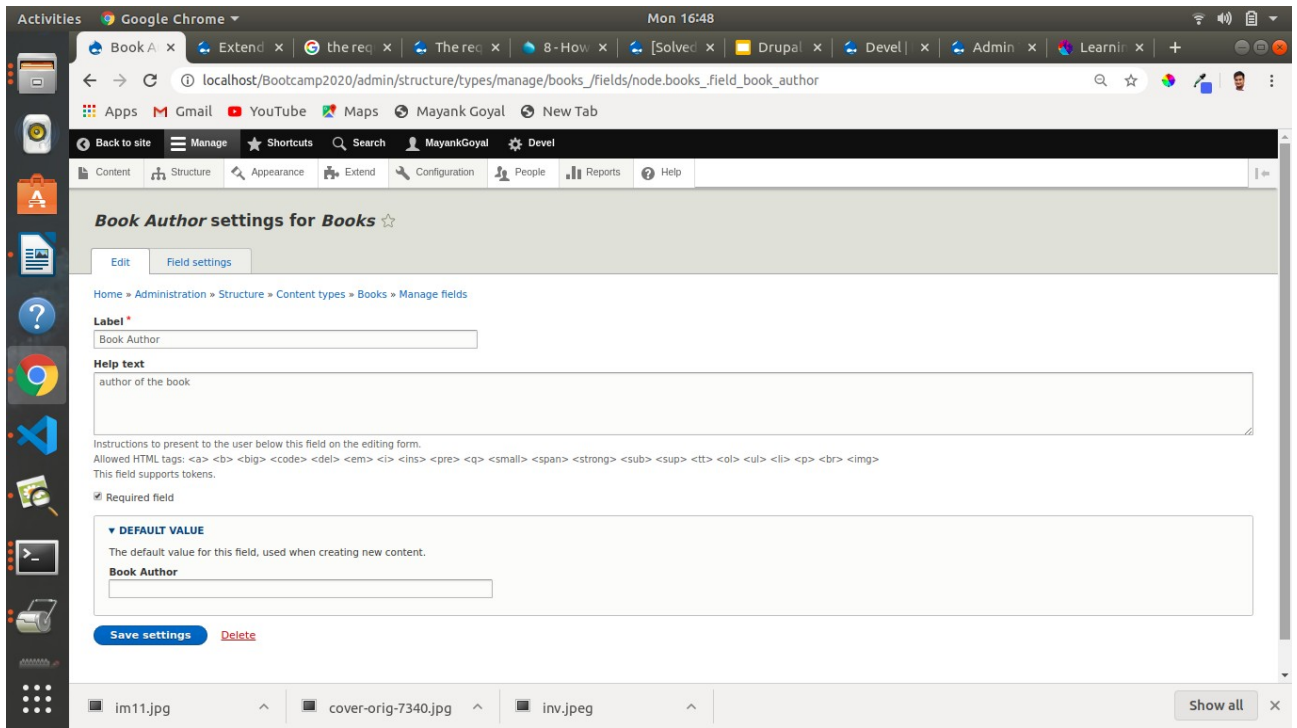Book Author (Text)

soln:-

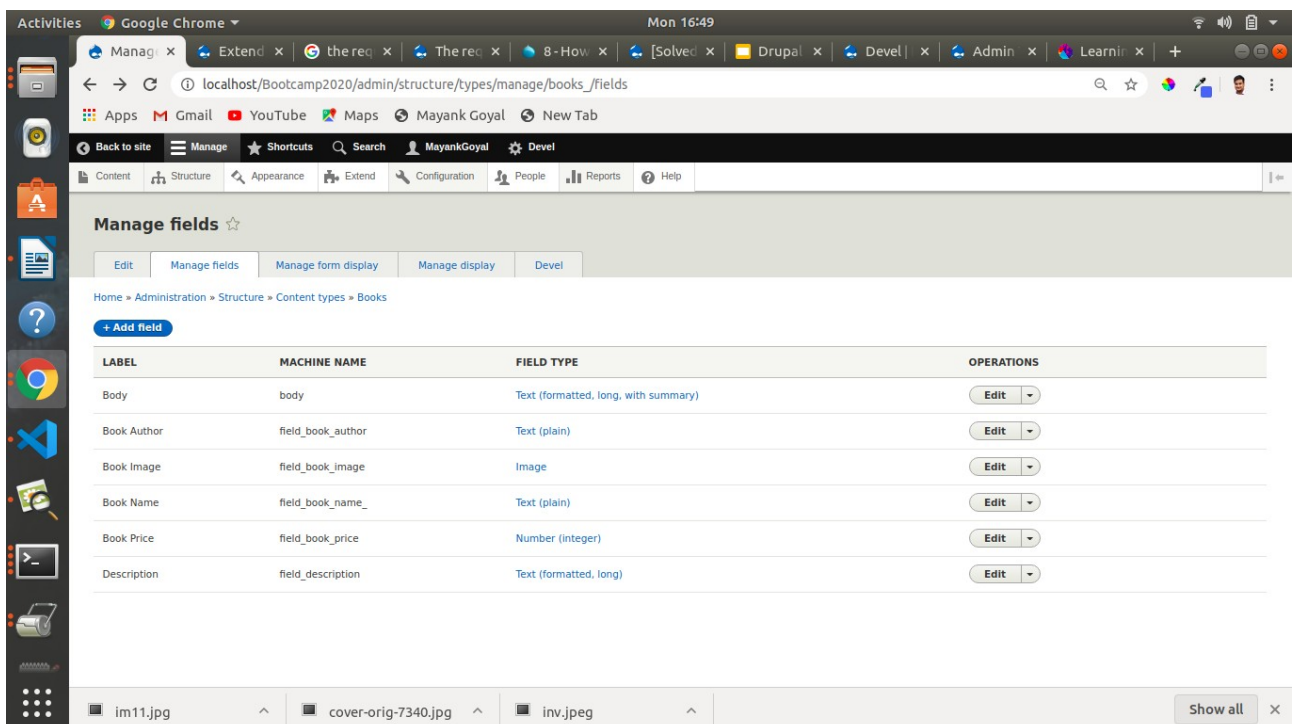step 1:- go to structure , choose option content type

Step 2:- choose add Content type option
write the name and description of the content

Step 3:- Add the Fields as given in ques

Step 4:- at last the content will look like this

Ques 4 - Arrange the fields in same order as above using "Manage Form Display".

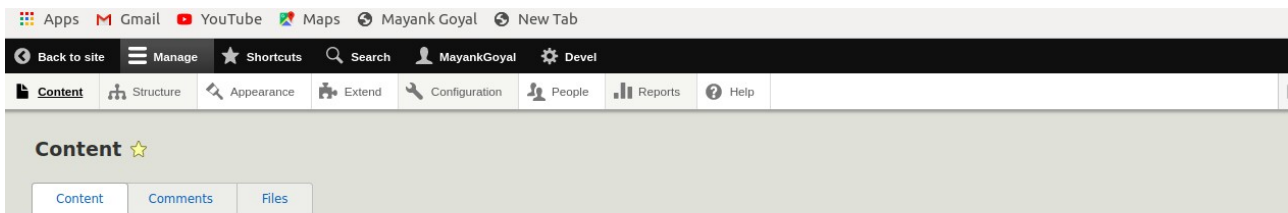Soln:- go to manage form display and drag and drop the feilds in order of which you want to get them in your form
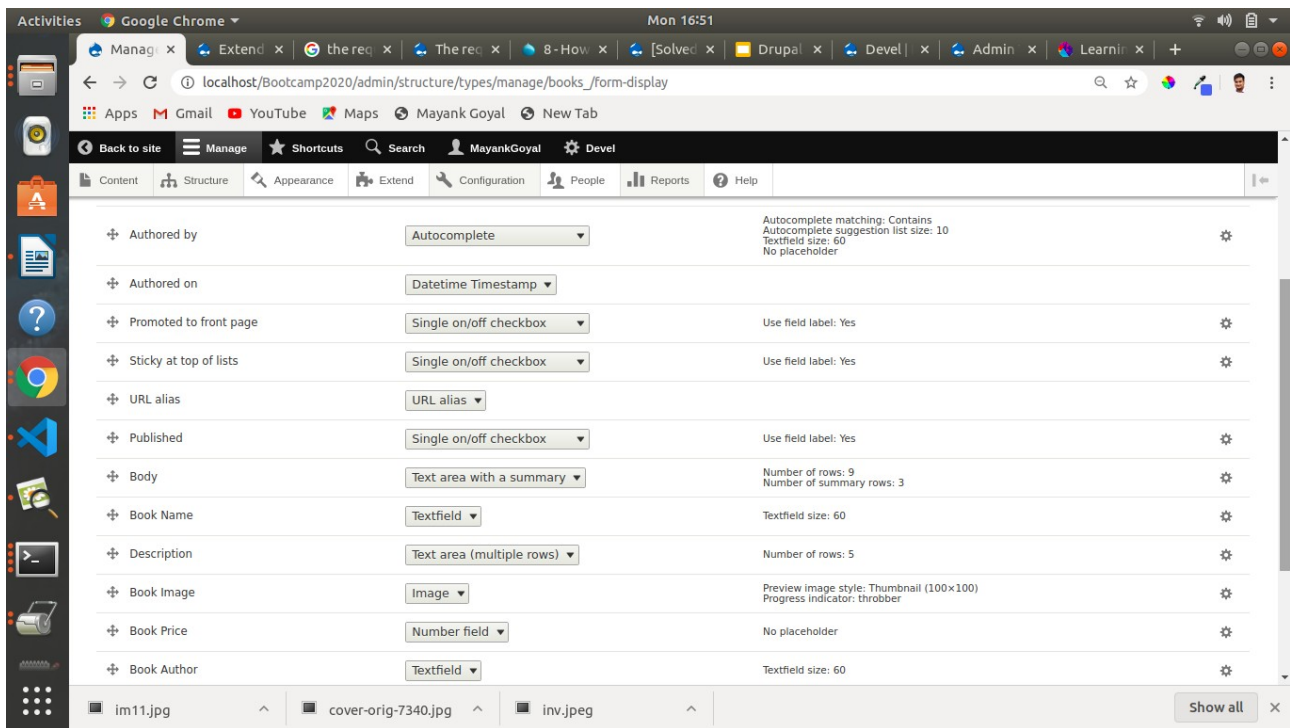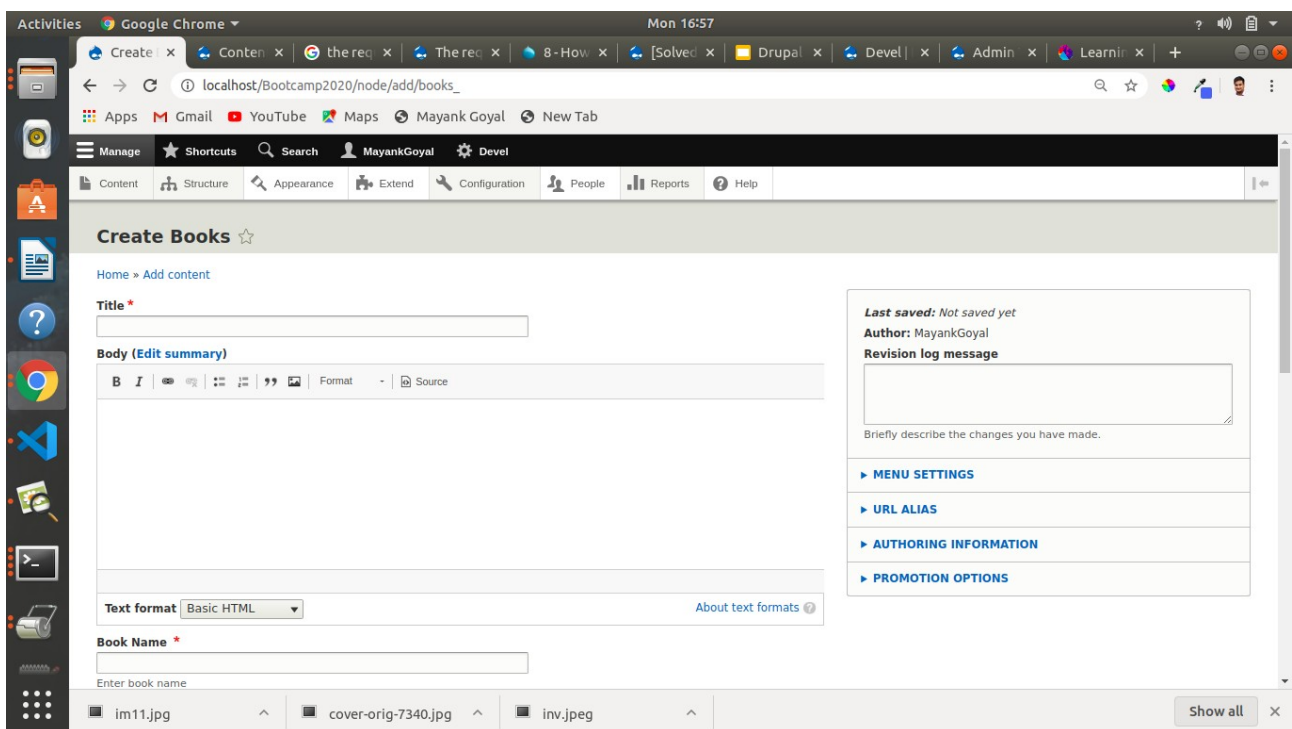
Ques 5:- Create 1 node using above content type. Node should contain all fields value without label in same order as above.
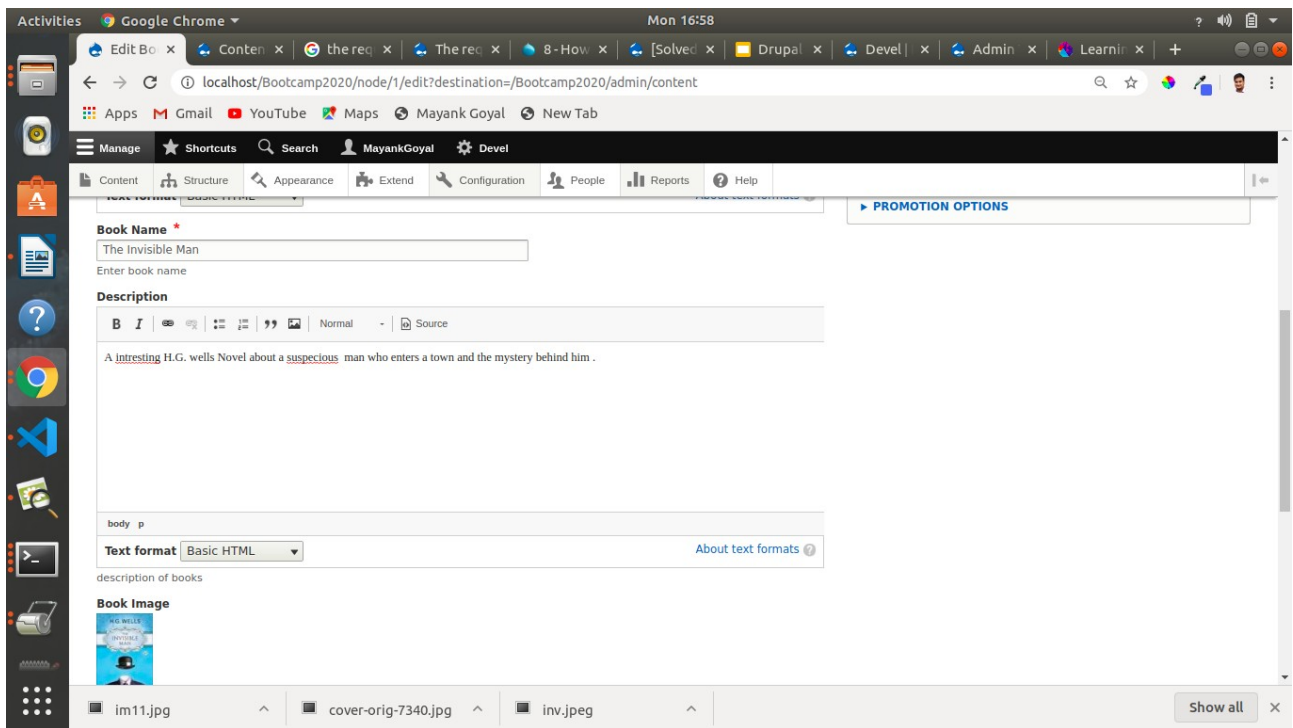
Soln:-

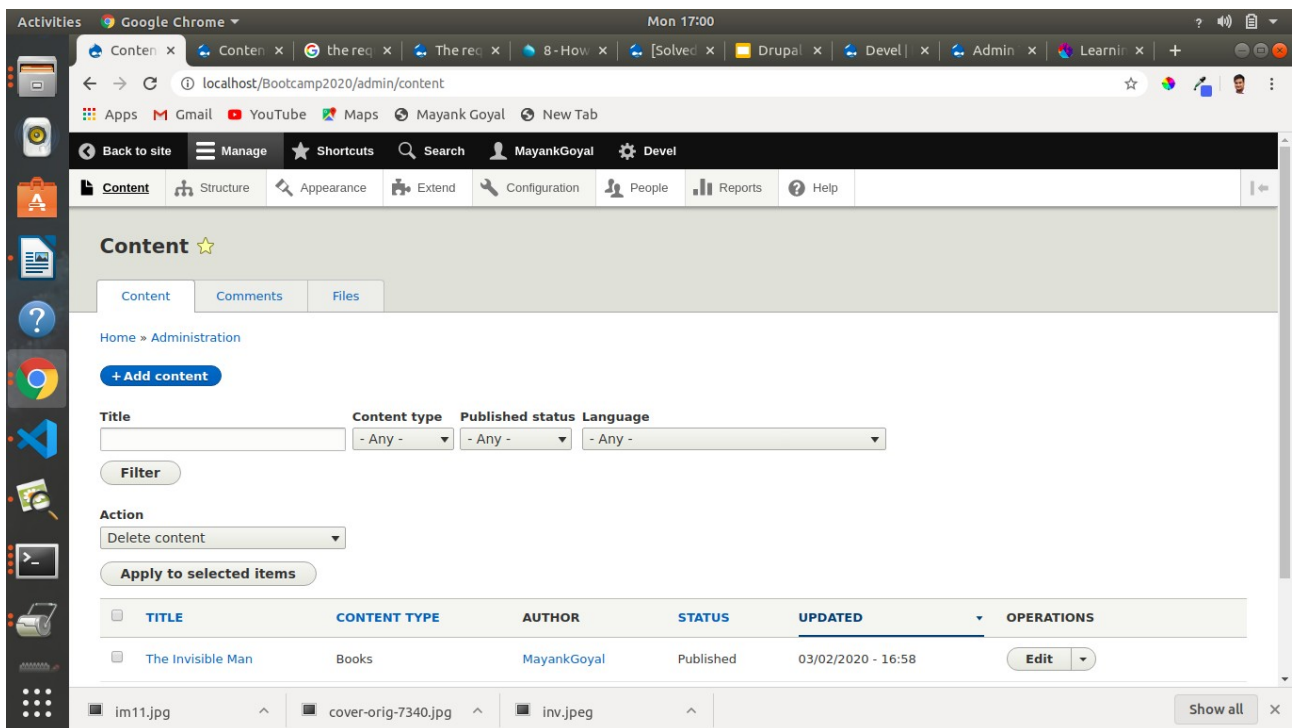step1 :- go to content option and click on choose content

step 2:- choose the content type on which you want to add node

step3: - fill the required details in the form

click the save button

view the node :-
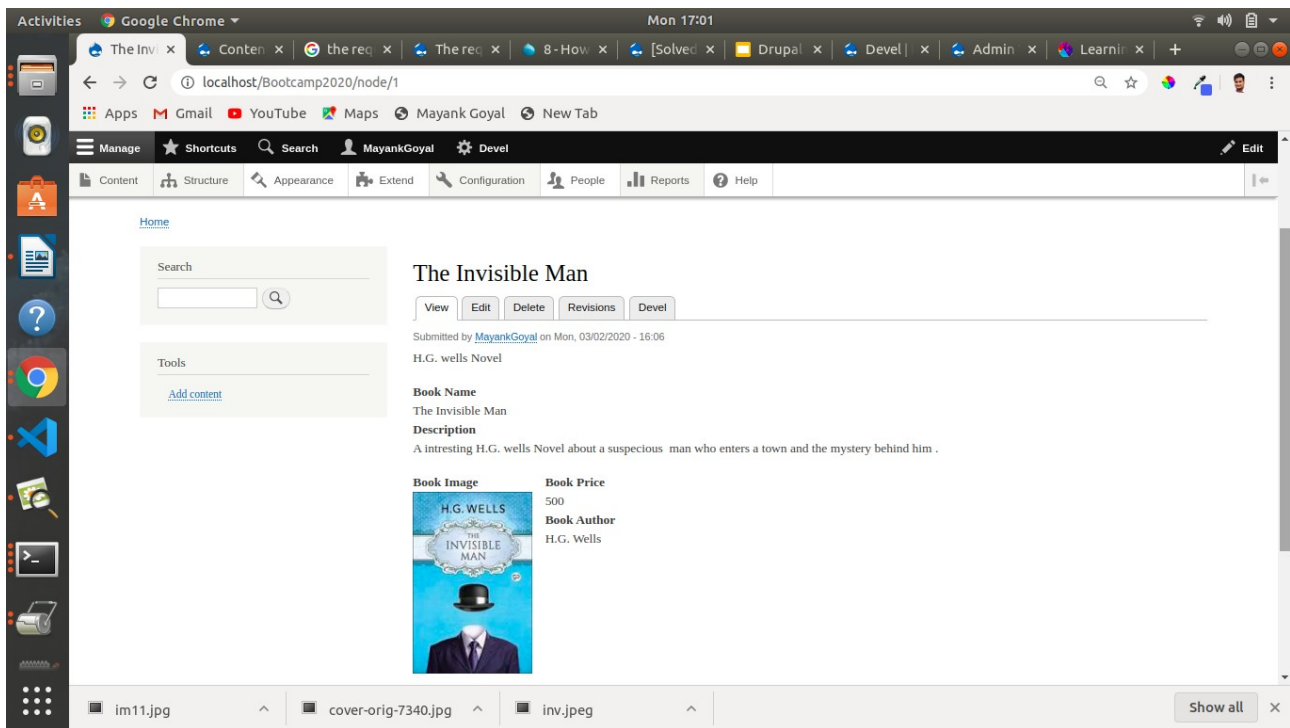
--
Ques: 6: - Download and Install Contrib Module "Admin Toolbar".
Download and Install Contrib Module "Admin Toolbar".
Step1: under the module folder create an contrib folder for installing contributed modules
step2 : from drupal.org get the Admin Toolbar module
step3: copy the downloaded module folder into contrib folder
step4: on your drupal website click on extend and then install new module
step5: choose Admin toolbar and click on Install option

result:-

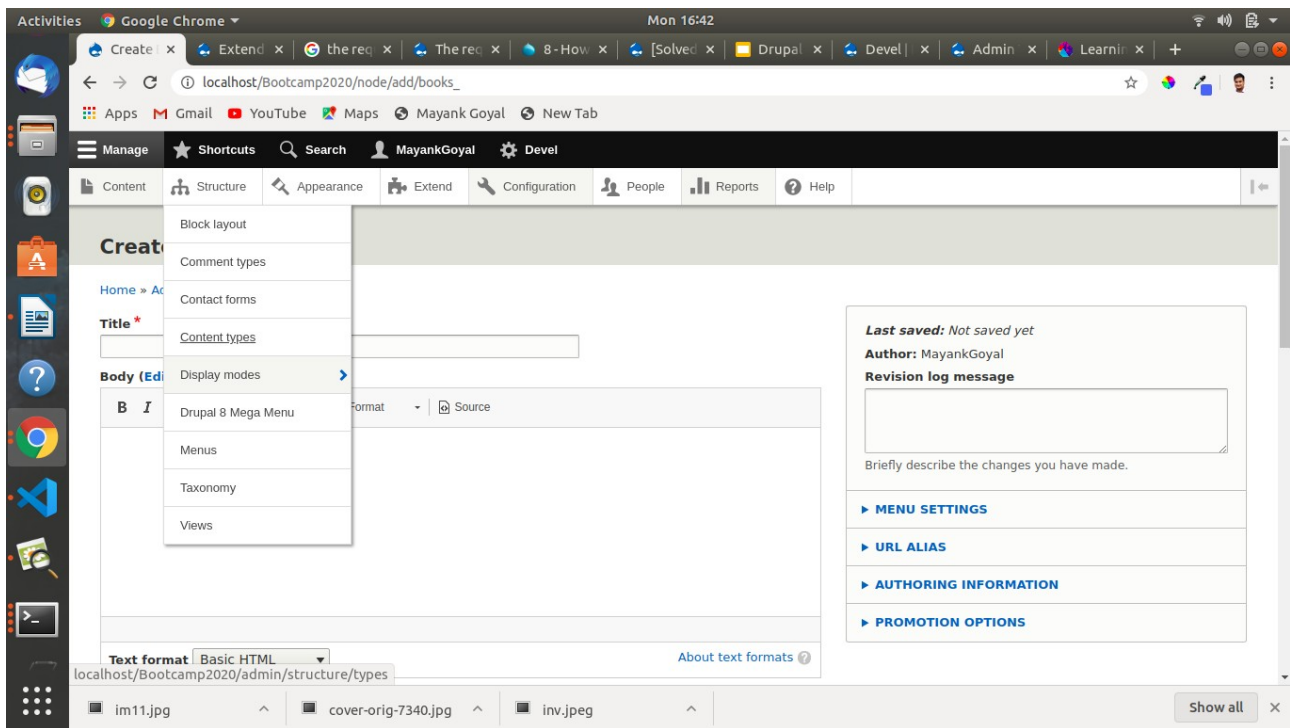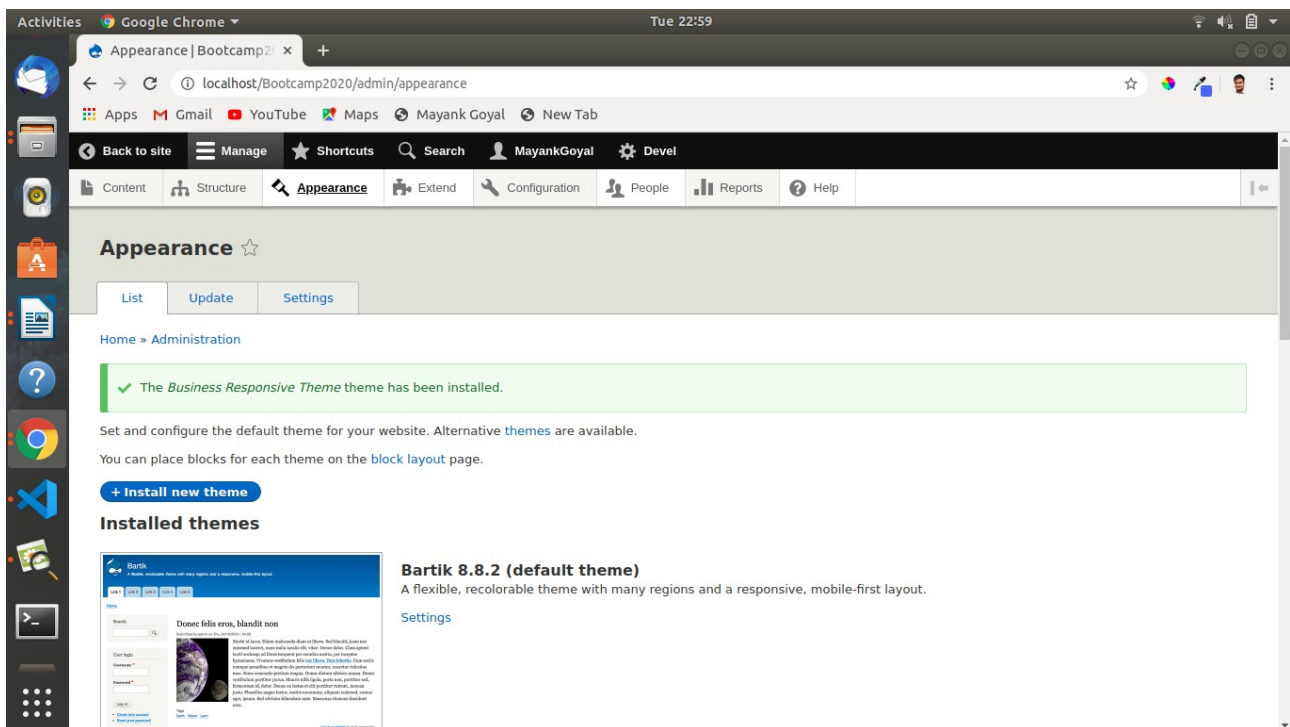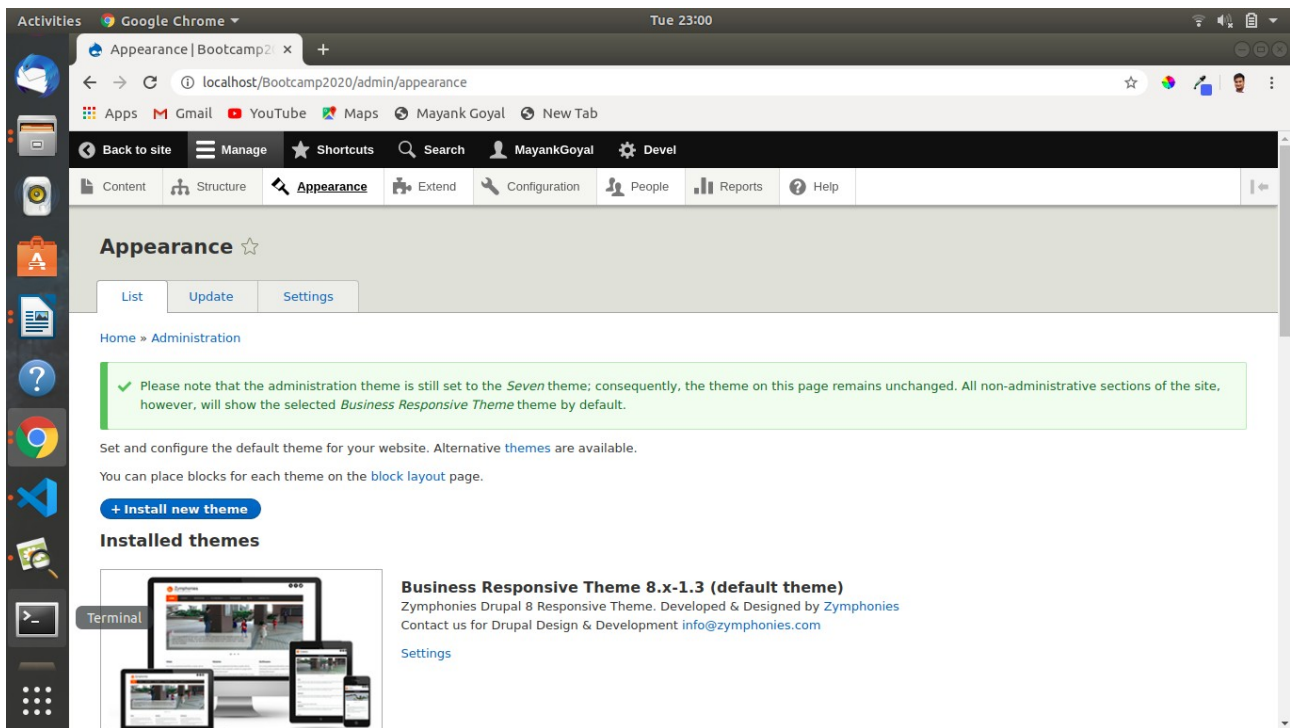Ques :-7Download, Install and set as default Contrib Theme "Business".
Soln:-

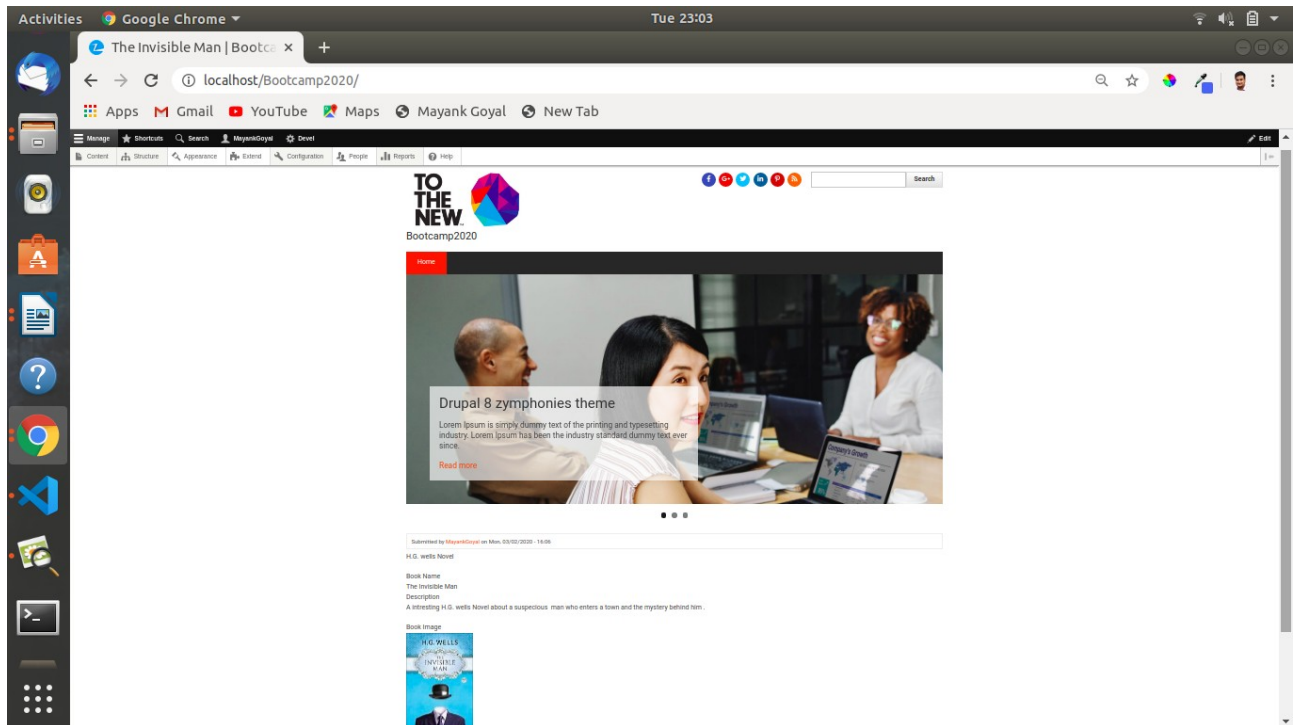step 1: Go to appearence and select Business responsivness theme

step 2 : click on install theme option, the theme will be installed and the message will pop up as follow:-

step 3:- go to business theme and click set as default option , your theme is now set

Your website will now look like this

Ques 8: -Create a custom module with "/getnodes" path, Display all published nodes title on this page.

Soln:- create a custome module let say Nodes

step 1 :- create a Nodes.info.yml file and write following code

name: Nodes
description: contains details of all nodes
package: Custom
type: module
core: 8.x

Step 2:- create a folder named src and add a subfolder Controller

step 3:- Inside container add Nodes.Controller.php file and add following code :-

```php
<?php

namespace Drupal\Nodes\Controller;

use Drupal\Core\Controller\ControllerBase;

class NodesController extends ControllerBase {
public function nodelist() {
$query = \Drupal::entityQuery('node')->condition('status', 1); //content type
$nids = $query->execute();
$url = '<table>';
```

```
$url .= "<tr><td><b>" . "Node ID" . '</td><td><b>' . "Node Name". '</td></tr>';
foreach ($nids as $nid) {
$node = \Drupal\node\Entity\Node::load($nid);
$body = $node->body->value;
$title = $node->title->value;
$type =$node->type->value;
$url .= "<tr><td>" . $nid . '</td><td>' . $node->title->value . '</td></tr>';
}
$url .= "</table>";

return [
'#markup' => $url,
];



}


}
```

Step 4 : come back to Nodes folder where Nodes.info.yml exists and create another file named Nodes.routing.yml file and add following code:-

```
Nodes.getnodes:

path: '/getnodes'
defaults:
_controller: 'Drupal\Nodes\Controller\NodesController::nodelist'
_title: 'Nodes list'
requirements:
_permission: 'access content'
```

Step 5 : open chrome and type localhost/Bootcamp2020/getnode

Nodes list | Bootcamp202 ✕   +

← → C   ⓘ localhost/Bootcamp2020/getnodes   ☆

☰ Manage   ★ Shortcuts   🔍 Search   👤 MayankGoyal   ⚙ Devel   ✎ Edit

📄 Content   ⛓ Structure   🖌 Appearance   🧩 Extend   🔧 Configuration   👥 People   📊 Reports   ❓ Help

TO THE NEW™

Bootcamp2020

Search   [Search]

Home

Home

Node IDNode Name

4	Mayank
2	Delhi Riots
3	Jaffarabad riots
6	HOME1
1	The Invisible Man

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