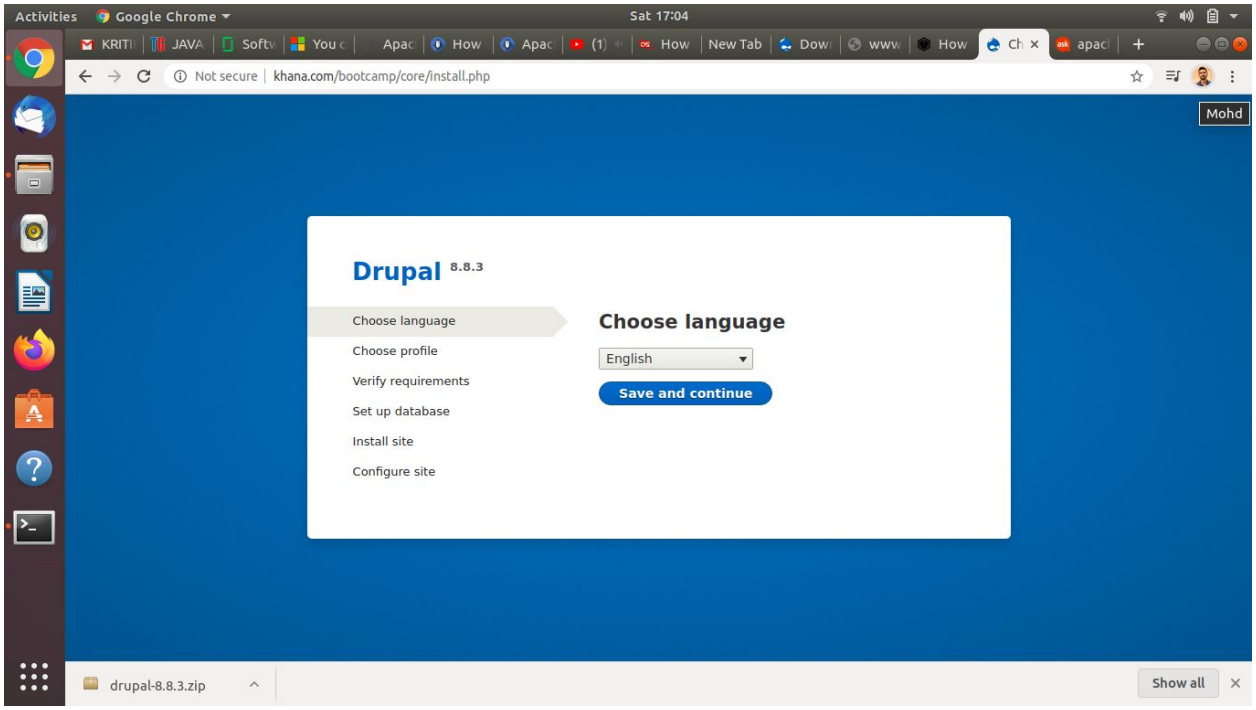
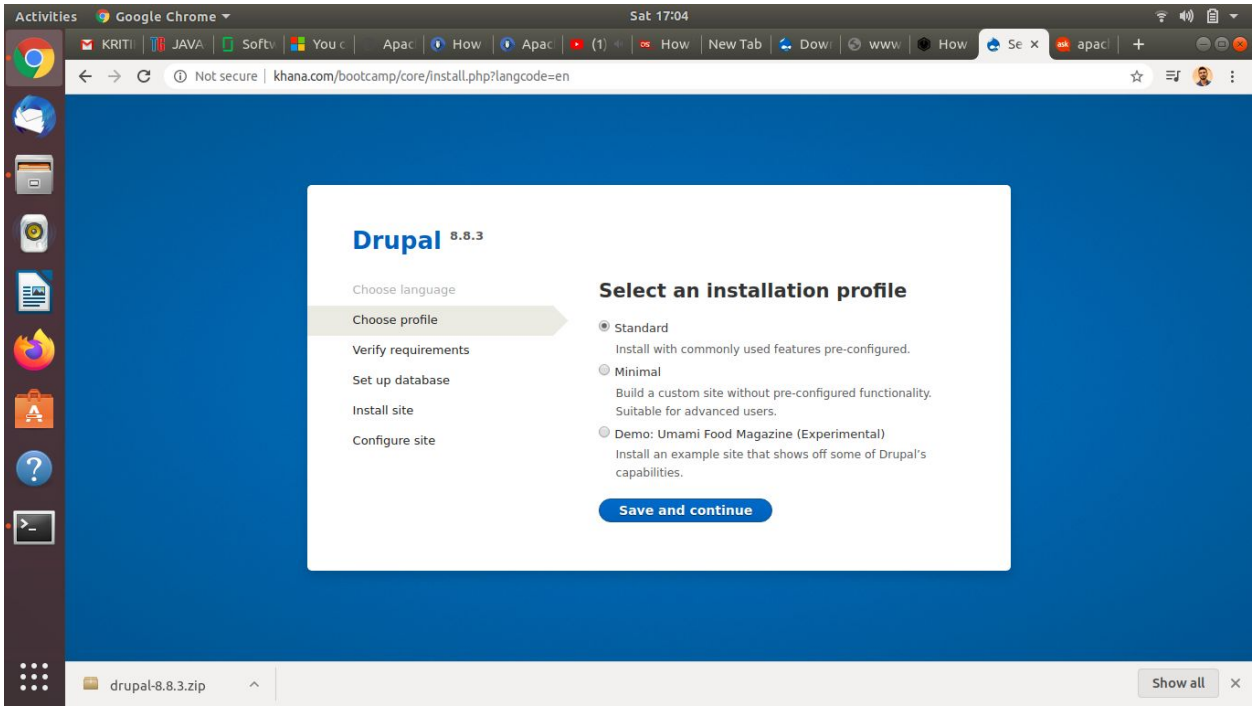
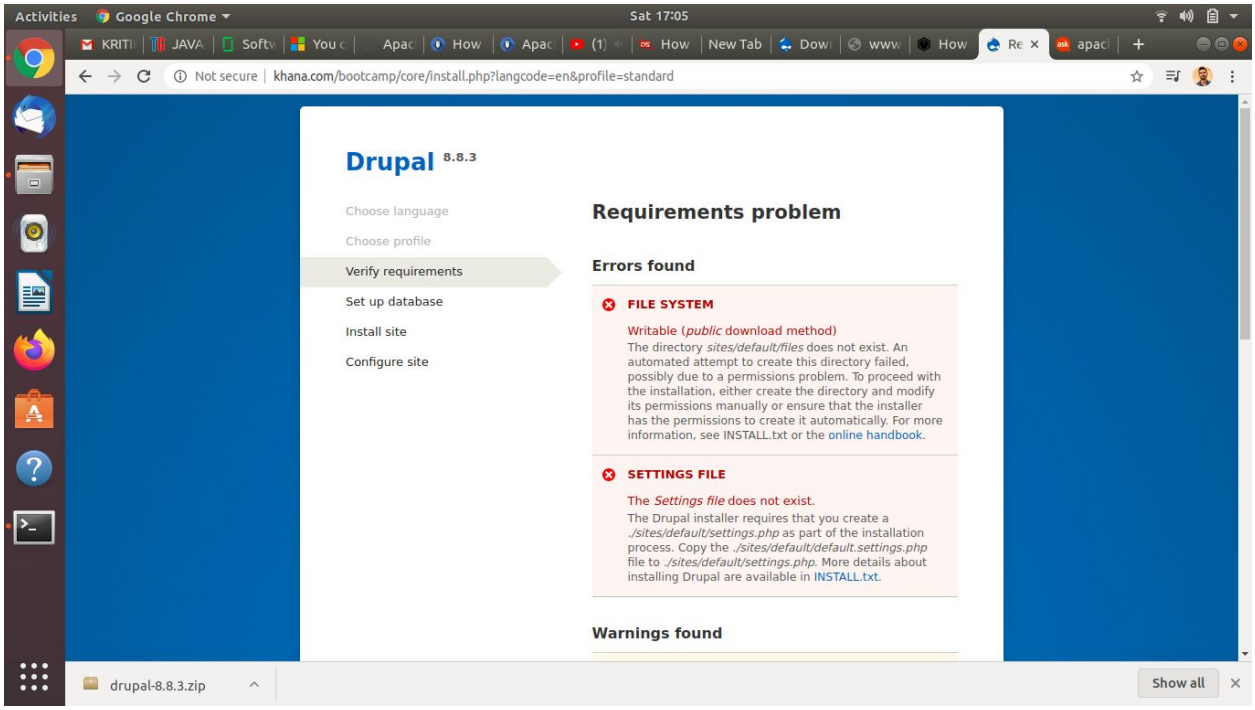
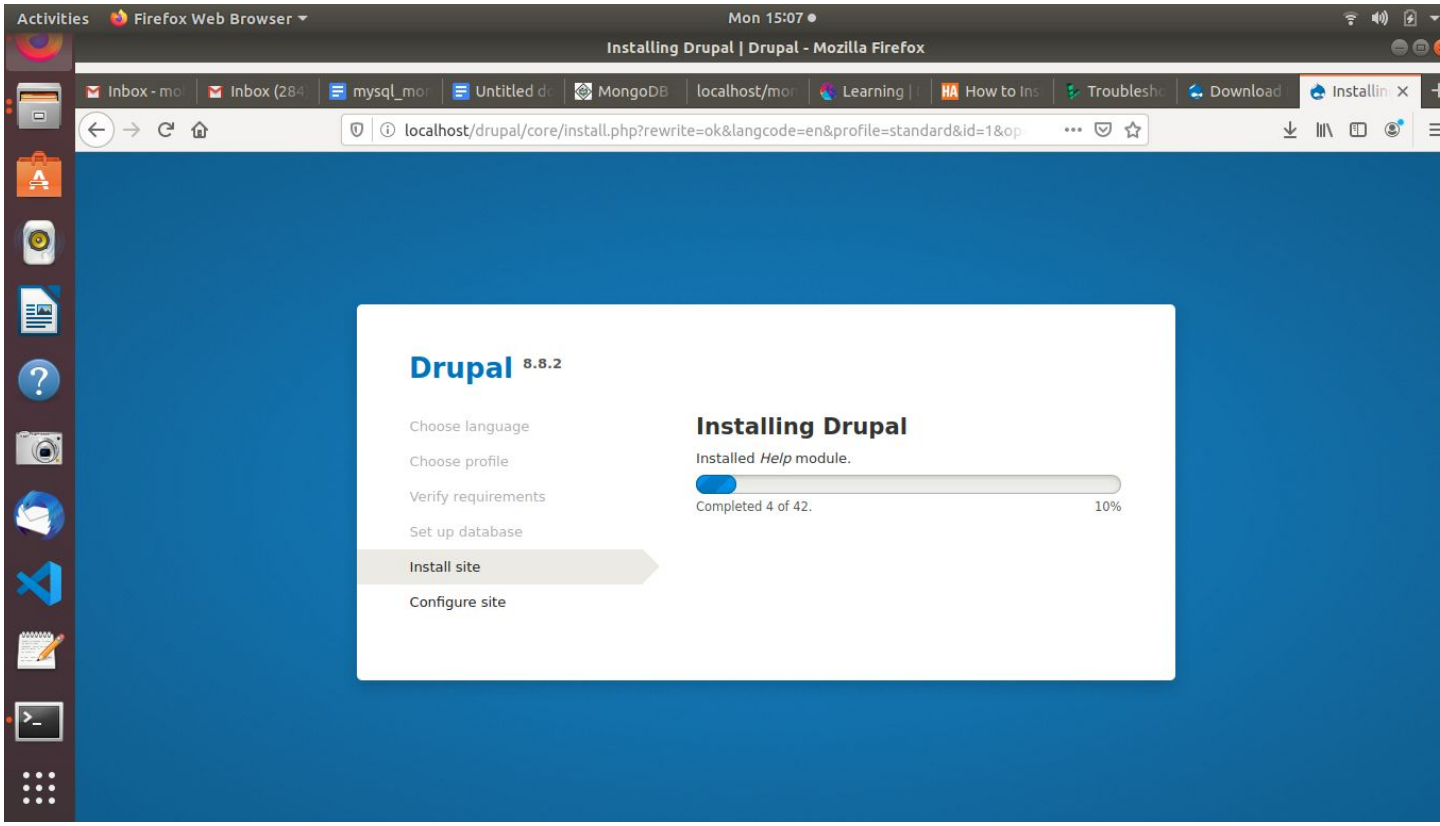
1. Install a fresh drupal named as "Bootcamp2020"






Activities
Google Chrome
Sat 17:05
Not secure | khana.com/bootcamp/core/install.php?langcode=en&profile=standard
Drupal 8.8.3
Choose language
Choose profile
Verify requirements
Set up database
Install site
Configure site
Requirements problem
Errors found
FILE SYSTEM
Writable (public download method)
The directory sites/default/files does not exist. An automated attempt to create this directory failed, possibly due to a permissions problem. To proceed with the installation, either create the directory and modify its permissions manually or ensure that the installer has the permissions to create it automatically. For more information, see INSTALL.txt or the online handbook.
SETTINGS FILE
The Settings file does not exist.
The Drupal installer requires that you create a ./sites/default/settings.php as part of the installation process. Copy the ./sites/default/default.settings.php file to ./sites/default/settings.php. More details about installing Drupal are available in INSTALL.txt.
Warnings found
drupal-8.8.3.zip
Show all


Activities
Firefox Web Browser
Mon 15:07
Installing Drupal | Drupal - Mozilla Firefox
Inbox - mo
Inbox (284
mysql_mor
Untitled do
MongoDB
localhost/mor
Learning |
How to Ins
Troubleshc
Download
Installin
localhost/drupal/core/install.php?rewrite=ok&langcode=en&profile=standard&id=1&op
Drupal 8.8.2
Choose language
Choose profile
Verify requirements
Set up database
Install site
Configure site
Installing Drupal
Installed Help module.
Completed 4 of 42.
10%

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

Ans : Drupal 8 ships with a big library of base classes which allow you to work with your very own content. When it comes to content entities you want to use Fields. It is important to understand Fields as that is where your entities store their data.

- 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

3. Create a new Content Type named as "Book" with below fields -

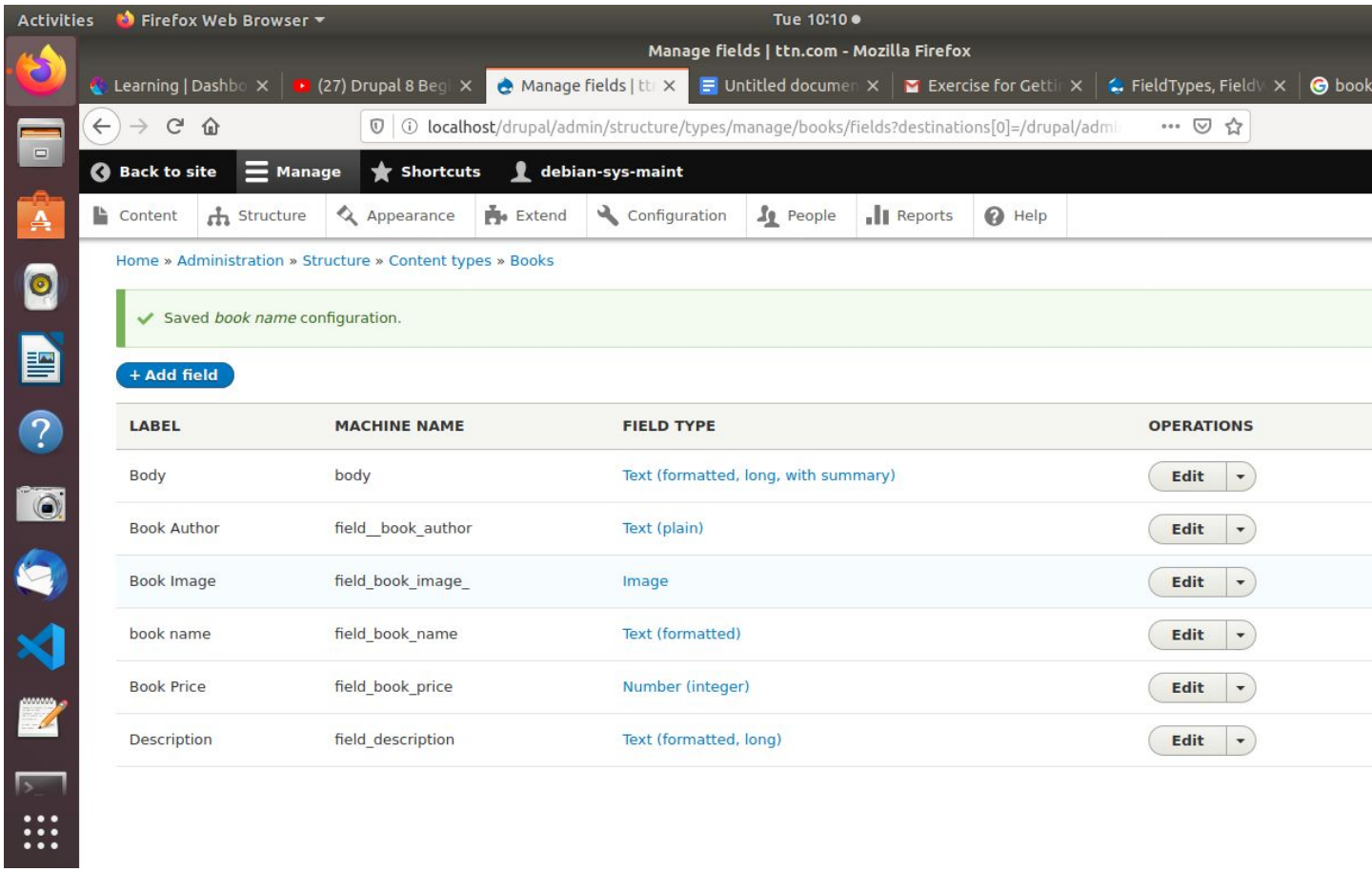
Book Name (Text)

Description (Text - Formatted long)

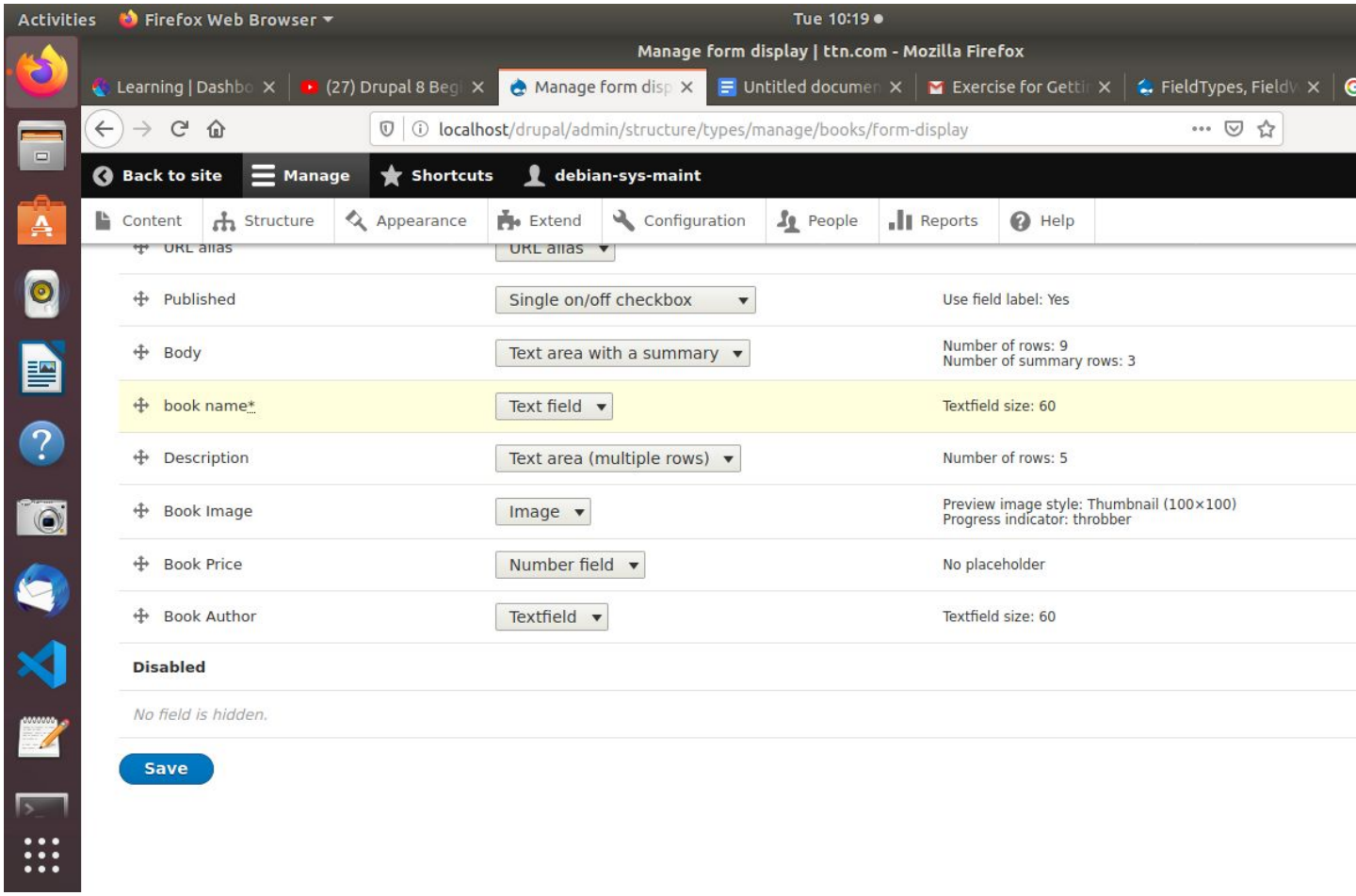
Book Image (Image)

Book Price (Number - Integer)

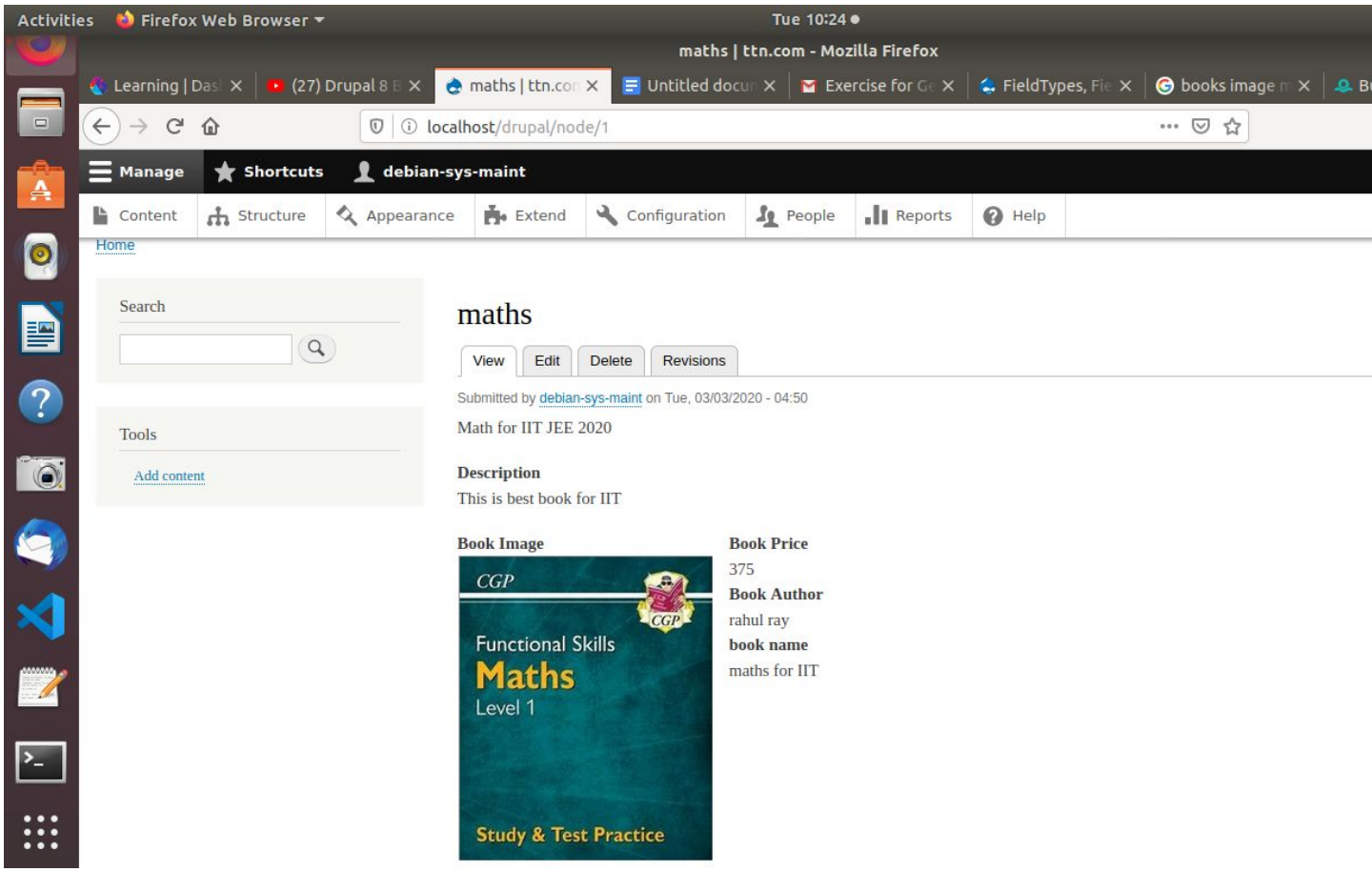
Book Author (Text)



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



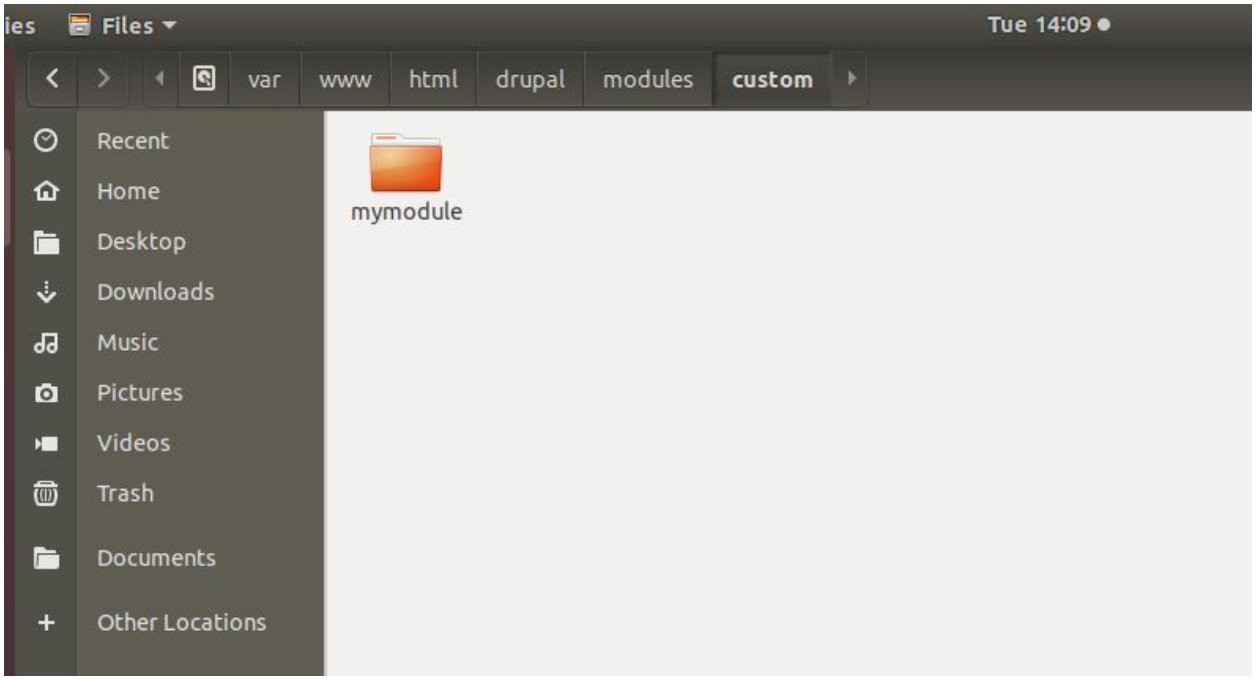
5. Create 1 node using above content type. Node should contain all fields value without label in same order as above.

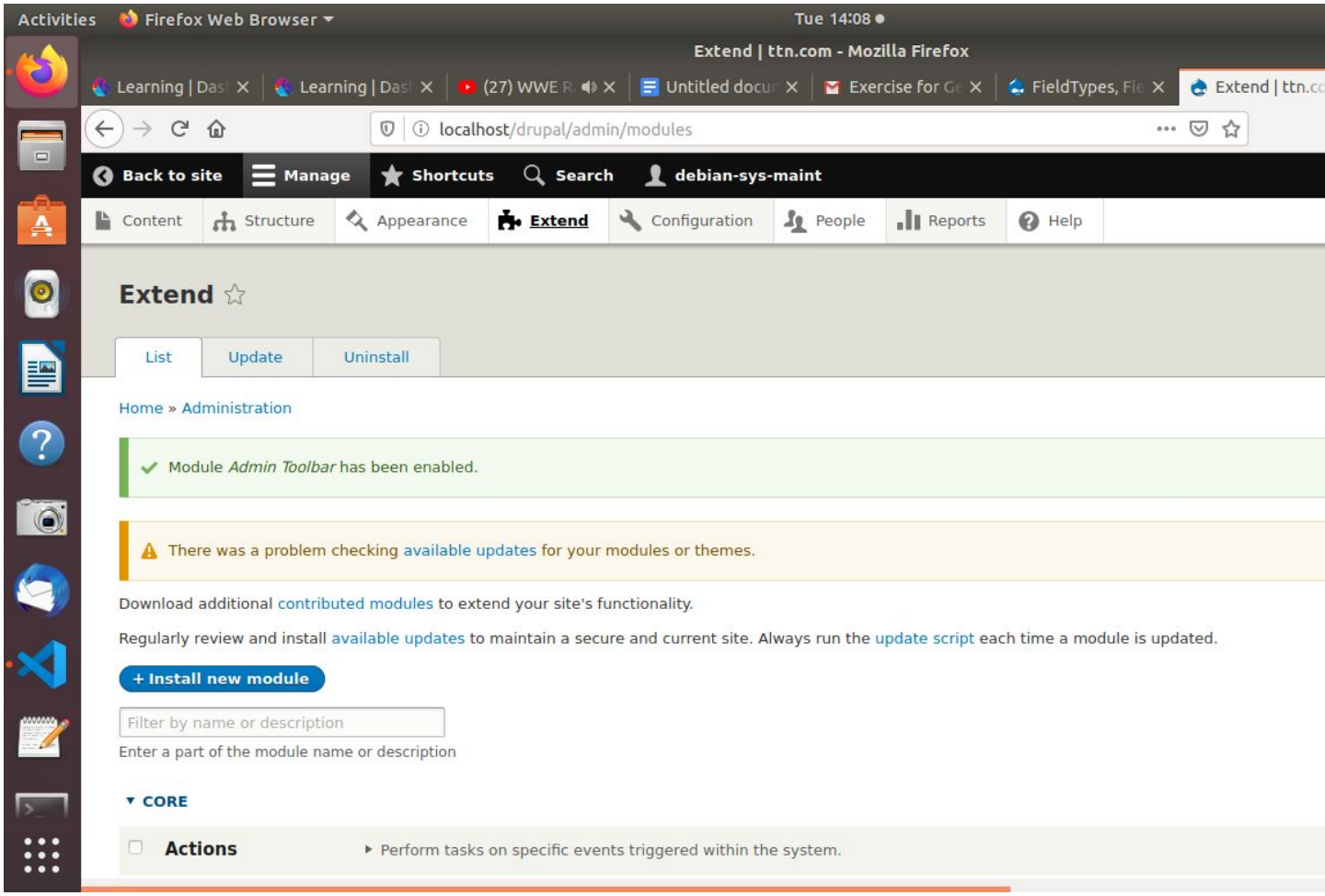


6. Download and Install Contrib Module "Admin Toolbar".

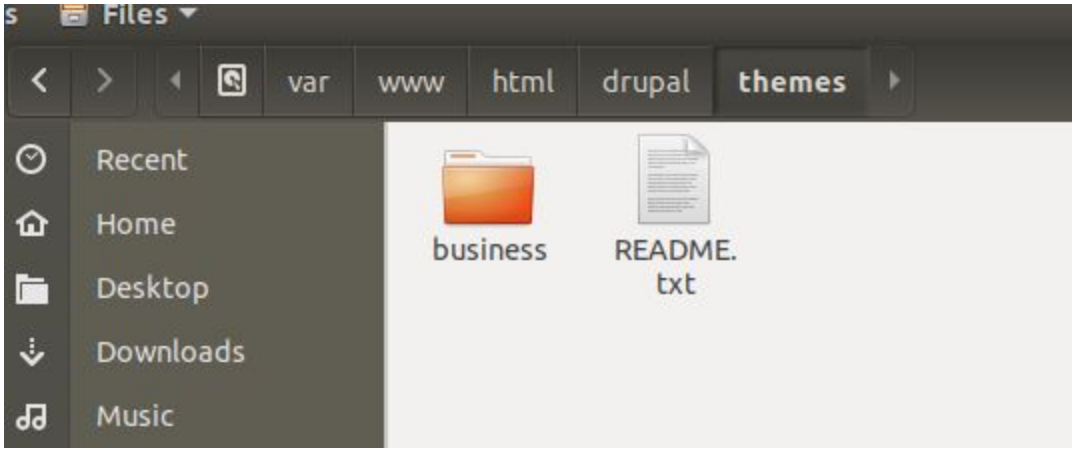
Downloads

8.x-2.0 released 29 October 2019
✓ Recommended by the project's maintainer.
Some users reported a problem after upgrade in 3093628. They solved the issue just by cleaning the cache.
⬇ tar.gz (31.64 KB) | zip (51.51 KB)




Activities
Firefox Web Browser
Tue 14:08
Extend | ttn.com - Mozilla Firefox
Learning | Das
Learning | Das
(27) WWE
Untitled docu
Exercise for Ge
FieldTypes, Fie
Extend | ttn.co
localhost/drupal/admin/modules
Back to site
Manage
Shortcuts
Search
debian-sys-maint
Content
Structure
Appearance
Extend
Configuration
People
Reports
Help
Extend
List
Update
Uninstall
Home » Administration
Module Admin Toolbar has been enabled.
There was a problem checking available updates for your modules or themes.
Download additional contributed modules to extend your site's functionality.
Regularly review and install available updates to maintain a secure and current site. Always run the update script each time a module is updated.
+ Install new module
Filter by name or description
Enter a part of the module name or description
CORE
Actions
Perform tasks on specific events triggered within the system.

7. Download, Install and set as default Contrib Theme "Business".



Activities Firefox Web Browser Tue 14:38

Appearance | ttn.com - Mozilla Firefox

Learning | Dash | Learning | Dash | (27) Top son | Untitled docum | Choose langua | Exercise for Ge | Business | D

localhost/drupal/admin/appearance

Back to site | Manage | Shortcuts | Search | debian-sys-maint

Content | Structure | Appearance | Extend | Configuration | People | Reports | Help

Tools

Add content

You can place blocks for each theme on the block layout page.

+ Install new theme

Installed themes

Business 8.x-1.7 (default theme)

Business is a Responsive business Drupal 8 theme. Developed by Dropt

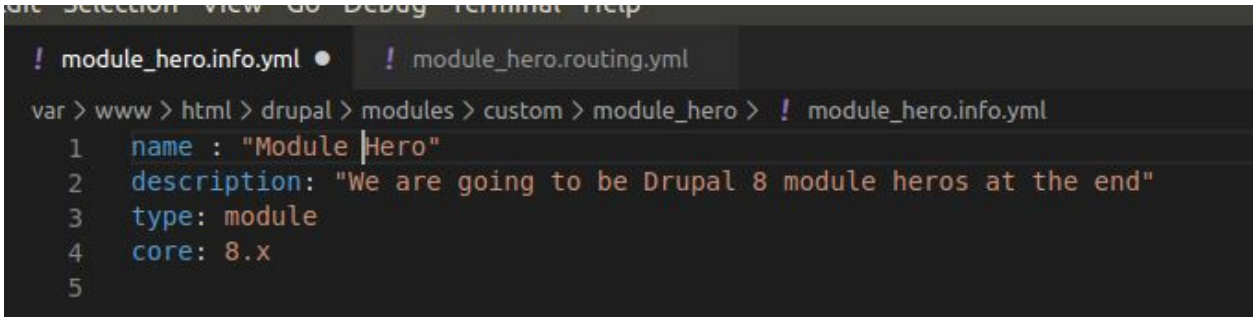
Settings

Bartik 8.8.2 (administration theme)

A flexible, recolorable theme with many regions and a responsive, mobi

Settings | Set as default

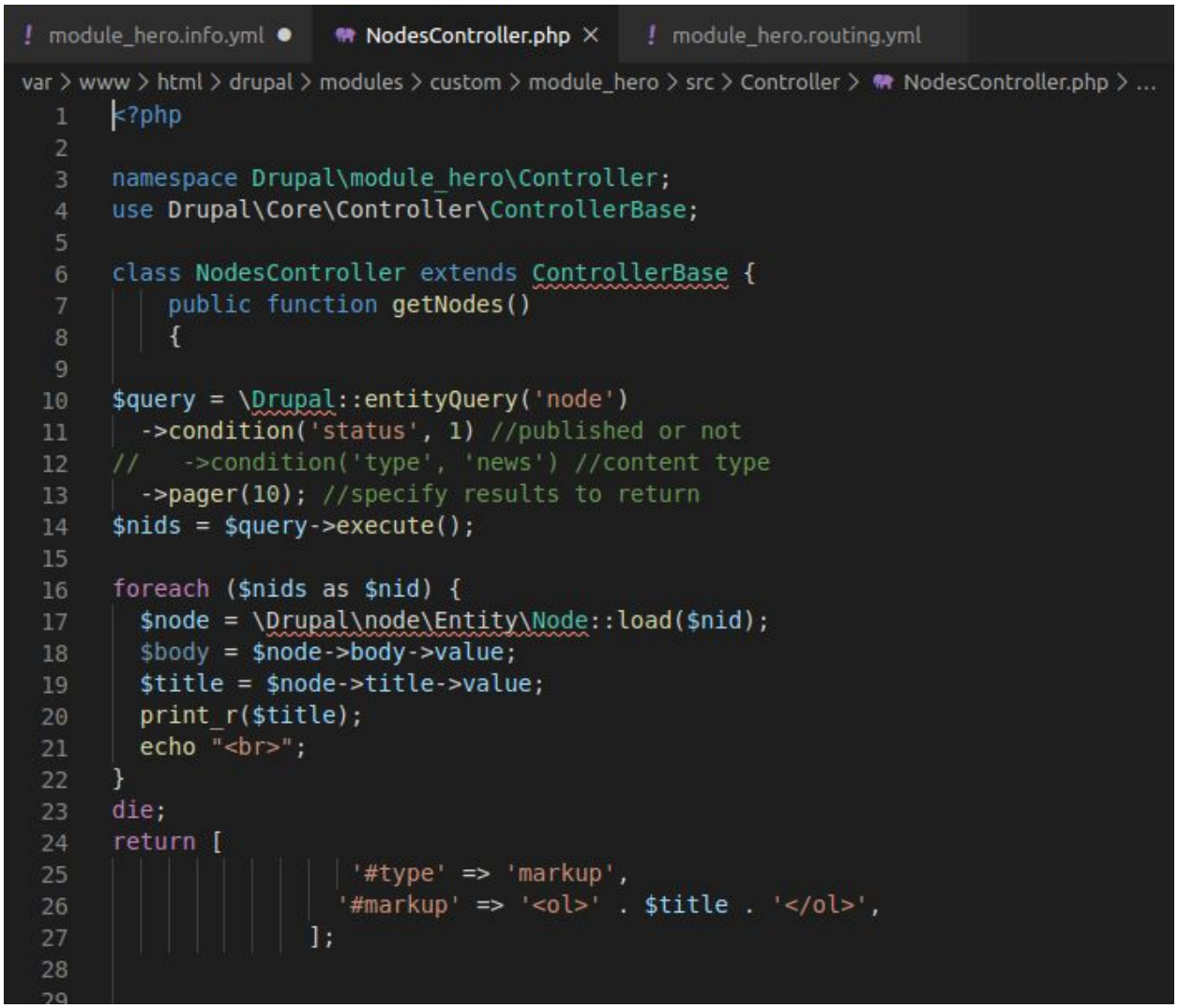
8. Create a custom module with "/getnodes" path, Display all published nodes title on this page.



module_hero.info.yml ● | module_hero.routing.yml

var > www > html > drupal > modules > custom > module_hero > module_hero.info.yml

```
1  name : "Module Hero"
2  description: "We are going to be Drupal 8 module heros at the end"
3  type: module
4  core: 8.x
5
```

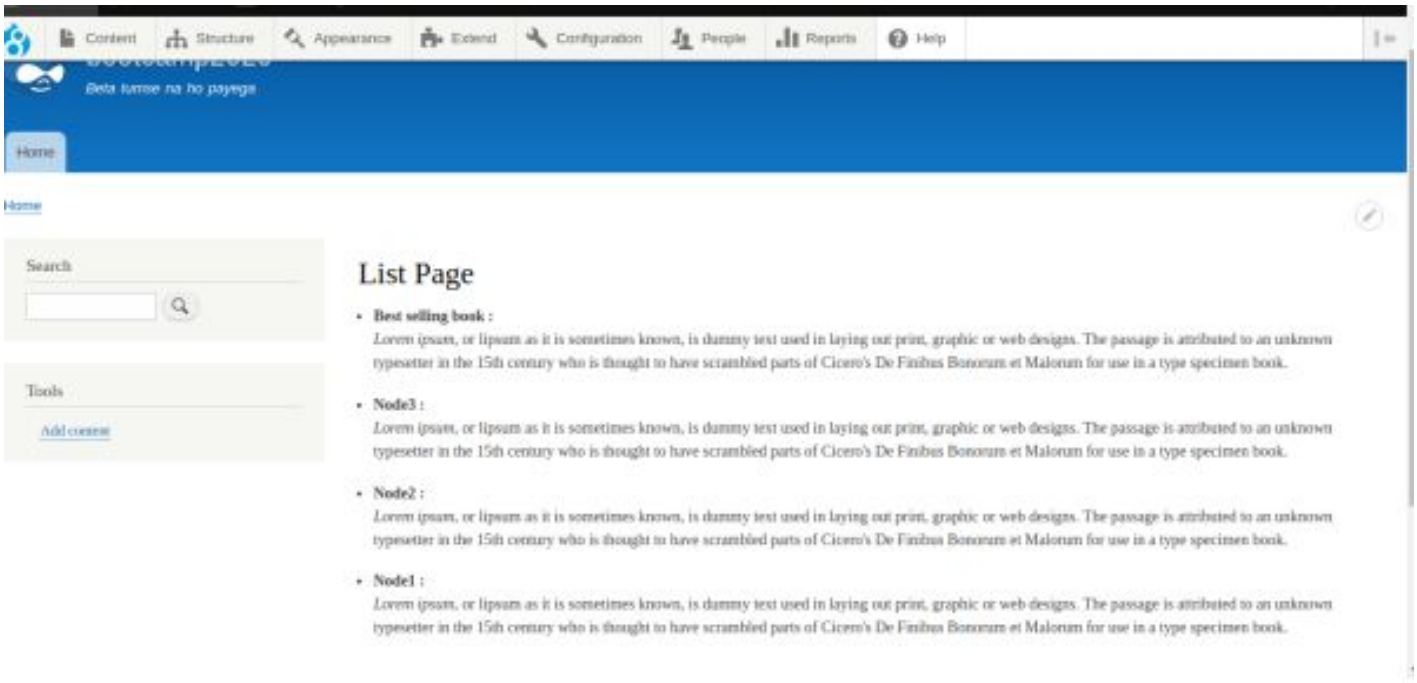


module_hero.info.yml ● | NodesController.php × | module_hero.routing.yml

var > www > html > drupal > modules > custom > module_hero > src > Controller > NodesController.php > ...

```
1  <?php
2
3  namespace Drupal\module_hero\Controller;
4  use Drupal\Core\Controller\ControllerBase;
5
6  class NodesController extends ControllerBase {
7      public function getNodes()
8      {
9
10 $query = \Drupal::entityQuery('node')
11   ->condition('status', 1) //published or not
12 //   ->condition('type', 'news') //content type
13   ->pager(10); //specify results to return
14 $nids = $query->execute();
15
16 foreach ($nids as $nid) {
17   $node = \Drupal\node\Entity\Node::load($nid);
18   $body = $node->body->value;
19   $title = $node->title->value;
20   print_r($title);
21   echo "<br>";
22 }
23 die;
24 return [
25                 '#type' => 'markup',
26               '#markup' => '<ol>' . $title . '</ol>',
27             ];
28
```

module_hero.info.yml ● module_hero.routing.yml ×

var > www > html > drupal > modules > custom > module_hero > ! module_hero.routing.yml

```yaml
module_hero.testflt:
  path: '/getnodes'
  defaults:
    _controller: 'Drupal\module_hero\Controller\NodesController::getNodes'
    _title: 'Test Node Controller'
  requirements:
    _permission: 'access_content'

```