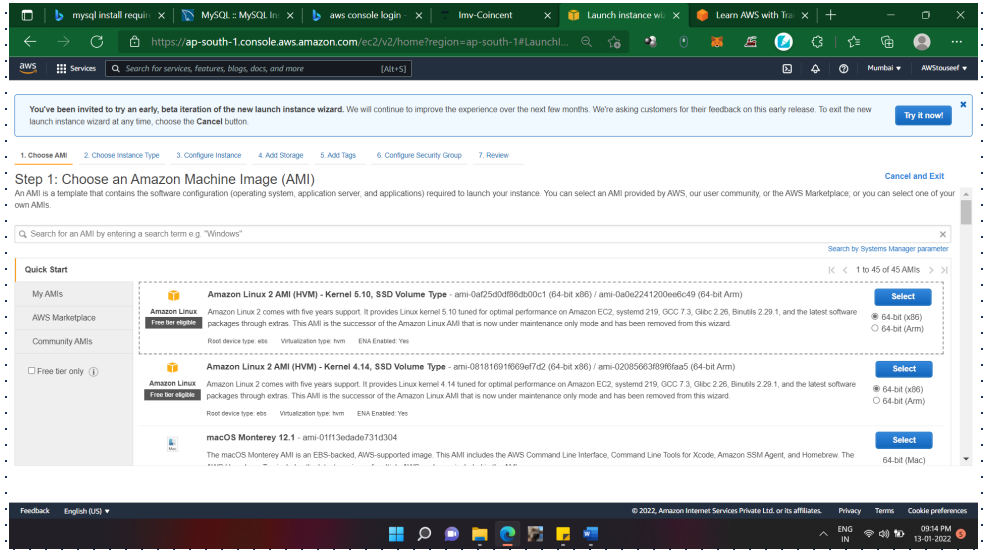
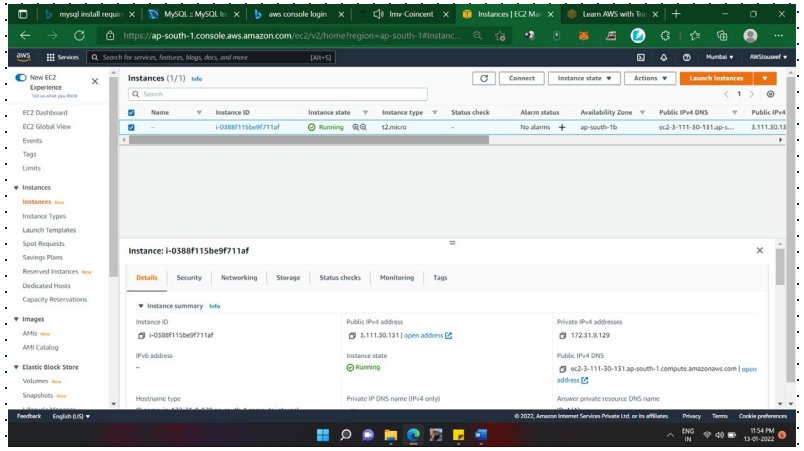
CLOUD COMPUTING PROJECT

PROJECT-
CREATING VIRTUAL PRIVATE SERVER AND HOSTING DYNAMIC WEB APPS ON AWS CLOUD

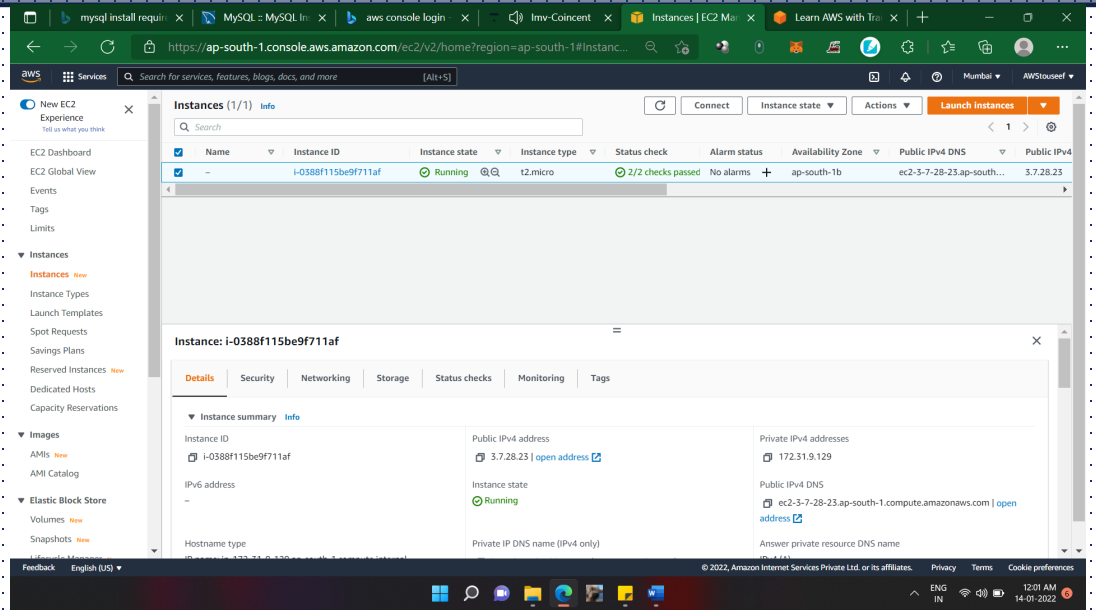
1.Launch the Instance Amazon Linux 2 as shown by clicking on select and after clicking here select t2 instance type(free tier eligible) under choose an instance tab and click review and launch.



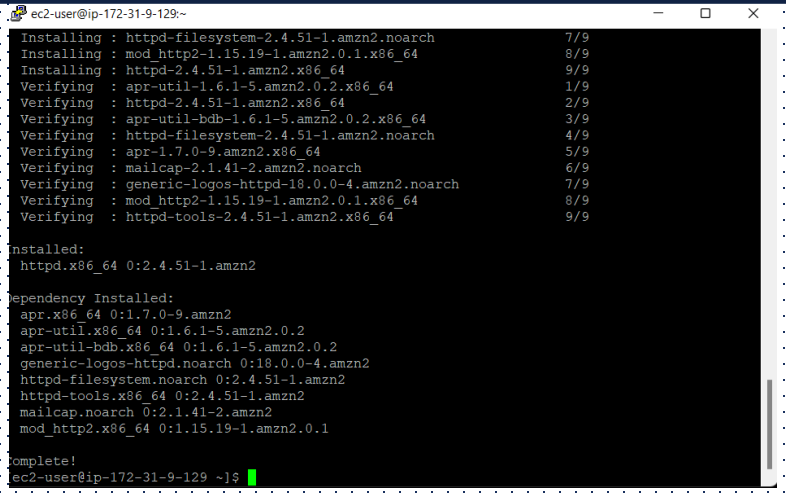
After that we choose the instance type, added storage and selected the security group and launched.



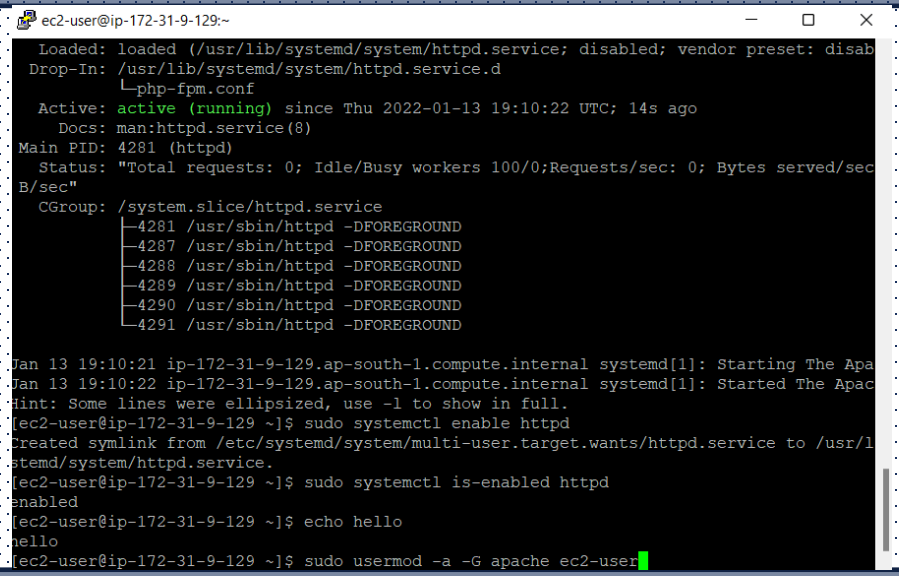
Then we allocated the Elastic IP address.



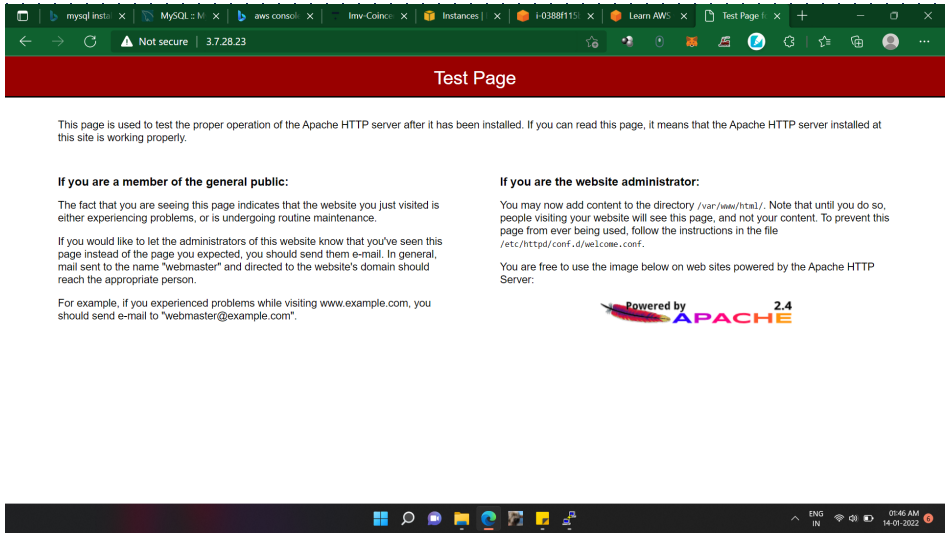
Then we installed the php8.0 and httpd on the EC2 instance.



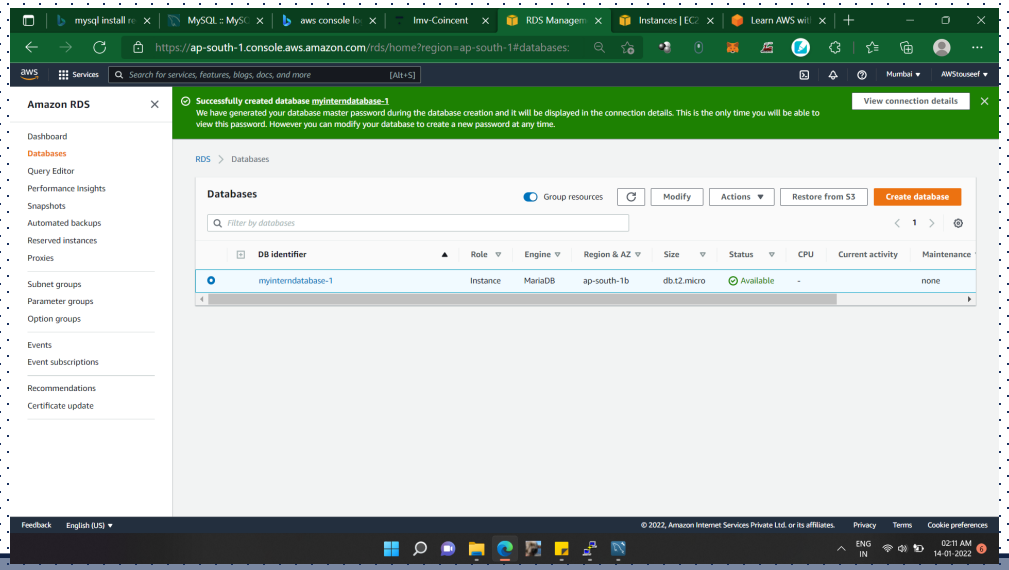
Started the Apache server



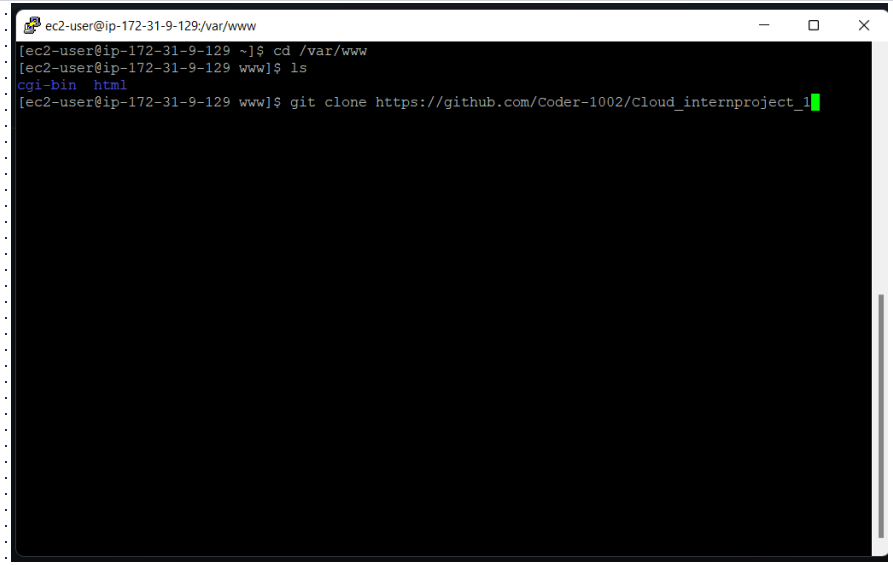
After configuring the server, we can see this page.



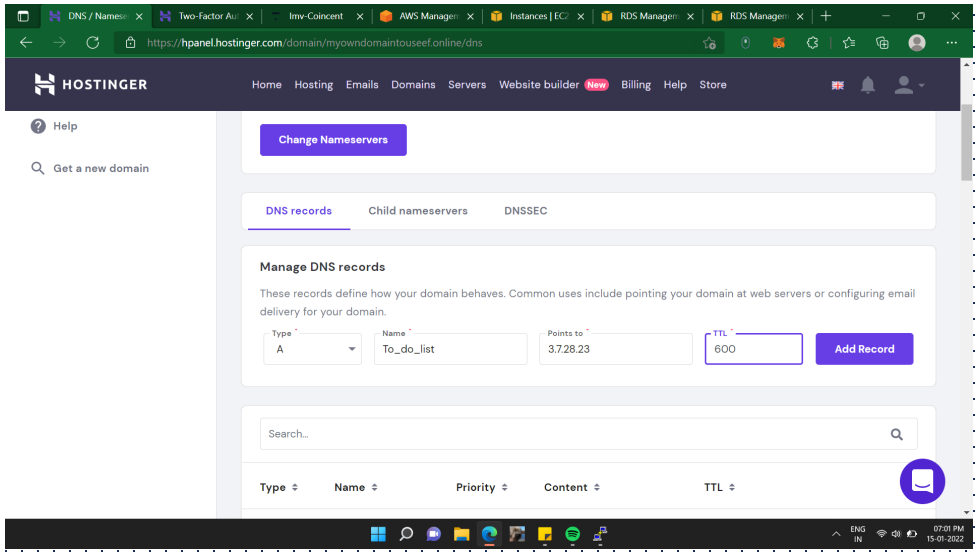
Then we launched the MariaDB instance



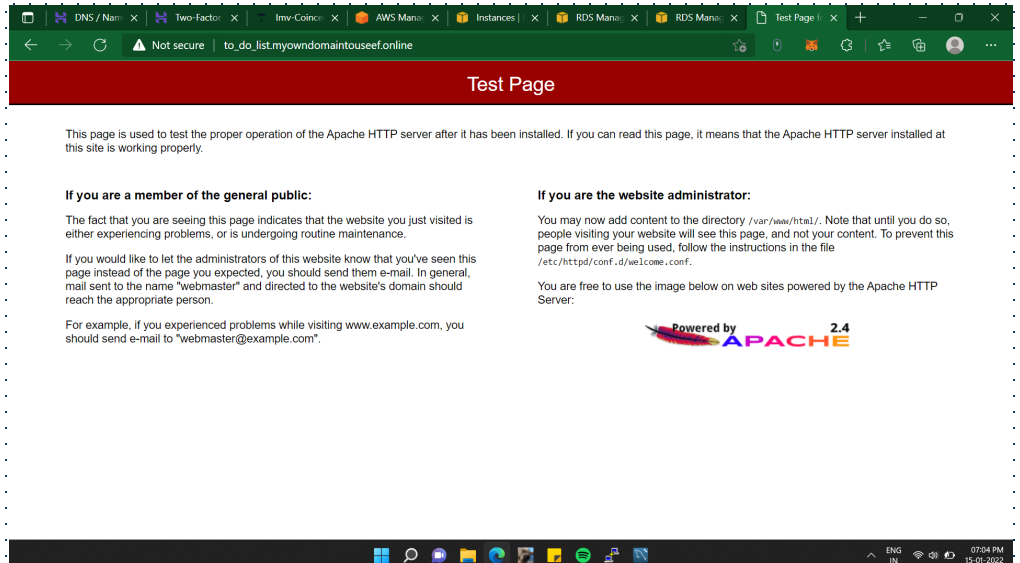
Next, we cloned the git repo inside var/www folder



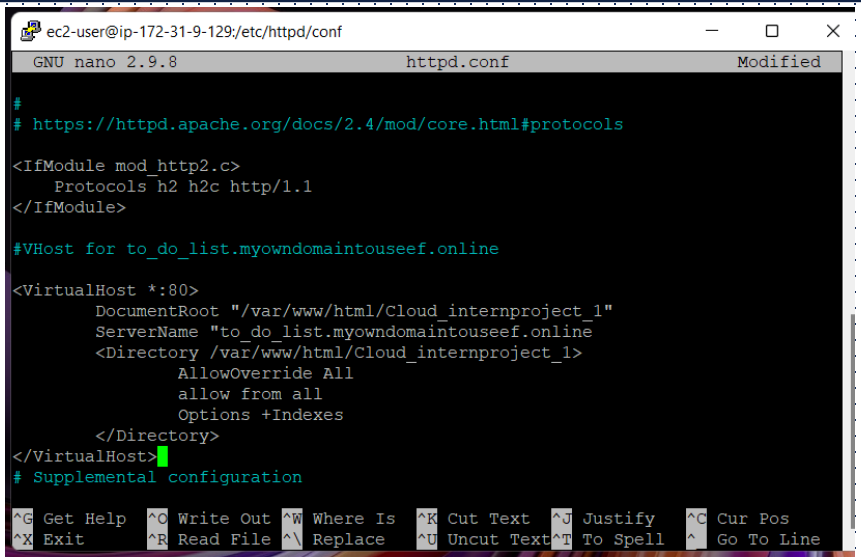
We setup the DNS record of the domain.



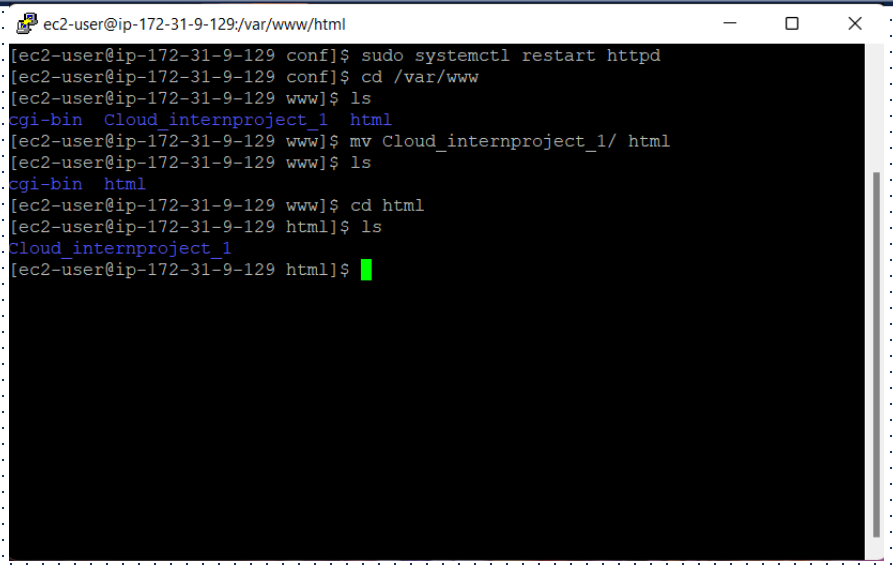
After that this webpage is visible on our domain



Then we configured the httpd.conf file after that restarted the httpd service.



After that we moved the Cloud_internproject_1 file inside html



Then we configured the mysql host ,username and the password

Coder-1002 / Cloud_internproject_1 Public

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main | Cloud_internproject_1 / index.php | Jump to | Go to file

Coder-1002 Update index.php — Latest commit 6338227 2 minutes ago — History

1 contributor

126 lines (118 sloc) | 4.79 KB — Raw | Blame

```php
<?php
session_start();

// db configs
try {
  $db = new PDO('mysql:host=myinterndatabase-1.cqadlxkokkkv.ap-south-1.rds.amazonaws.com;dbname=test_todo', 'admin', 'O3by7PVh1q6GIstfBBGn');
  $db->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
} catch (PDOException $e) {
  echo $e->getMessage();
}

if (isset($_POST['add'])) {
  $item = $_POST['item'];
```

Then we used git pull

ec2-user@ip-172-31-9-129:/var/www/html/Cloud_internproject_1

```
ec2-user@ip-172-31-9-129 html]$ ls
loud_internproject_1
ec2-user@ip-172-31-9-129 html]$ cd Cloud_internprojec_1
bash: cd: Cloud_internprojec_1: No such file or directory
ec2-user@ip-172-31-9-129 html]$ cd Cloud_internproject_1
ec2-user@ip-172-31-9-129 Cloud_internproject_1]$ ls
ttribution.md  folder.png  index.php
ec2-user@ip-172-31-9-129 Cloud_internproject_1]$ ls
ttribution.md  folder.png  index.php
ec2-user@ip-172-31-9-129 Cloud_internproject_1]$ git pull
emote: Enumerating objects: 5, done.
emote: Counting objects: 100% (5/5), done.
emote: Compressing objects: 100% (3/3), done.
emote: Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
npacking objects: 100% (3/3), 726 bytes | 726.00 KiB/s, done.
rom https://github.com/Coder-1002/Cloud_internproject_1
  66d49dd..6338227  main       -> origin/main
pdating 66d49dd..6338227
ast-forward
index.php | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)
ec2-user@ip-172-31-9-129 Cloud_internproject_1]$ ls
ttribution.md  folder.png  index.php
ec2-user@ip-172-31-9-129 Cloud_internproject_1]$
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```
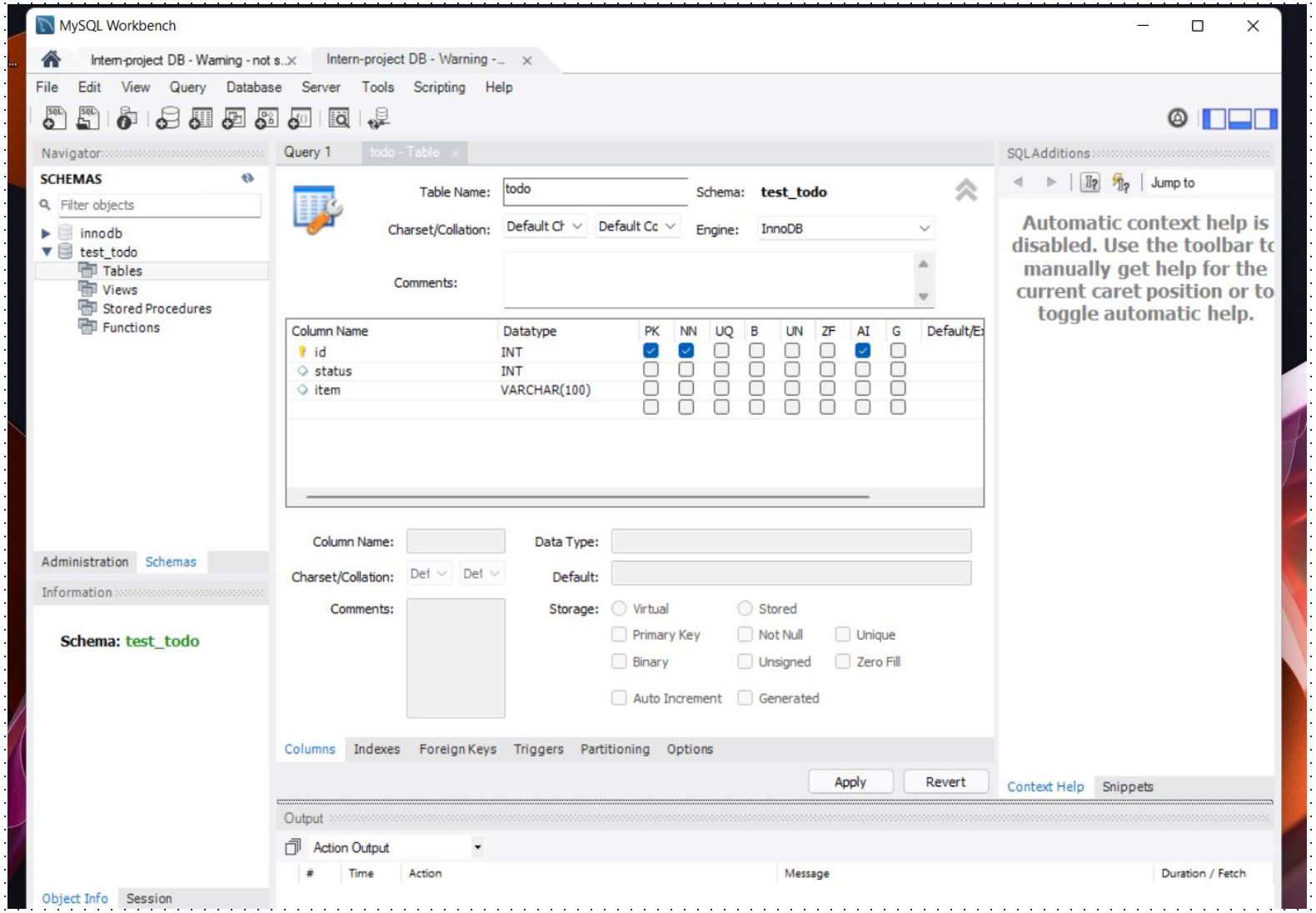
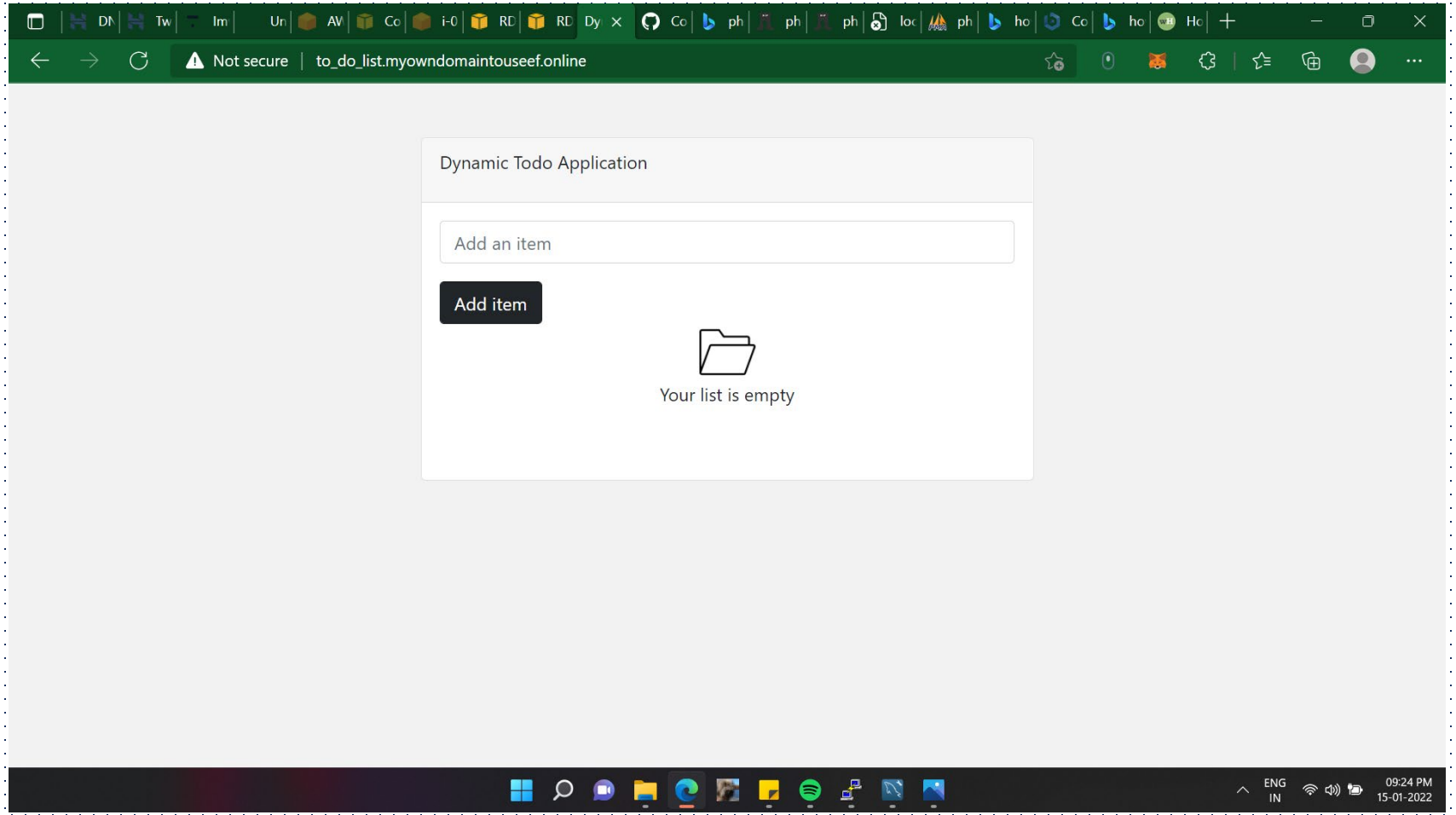

Then we added a table to the database



After this our website launched SUCCESSFULLY without any errors.



THANK YOU

-Mohammad Touseef