

Ejercicio 1:

```
vagrant@oom2425-ansible:~  X  +  ▾

[vagrant@oom2425-ansible ~]$ curl http://oom2425-web
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>GEI AISI</title>
<script type="text/javascript">
    function getName() {
        var name = "Óscar Olveira Miniño ";
        var course = "2024/2025";
        document.getElementById("myName").innerHTML = name;
        document.getElementById("userId").value = name;
        document.getElementById("currentCourse").innerHTML = course;
        document.getElementById("courseId").value = course;
    }
    function getURL() {
        document.write(window.location.href);
    }
    function getTIME() {
        document.getElementById("current_date").innerHTML = Date();
    }
</script>
</head>
<body onload="getName()">
    <div style="width:600px;height:650px;border:2px solid #000;text-align: center;">
        <strong>
            <p></p>
            <h3><u>GEI AISI:</u> <span id="currentCourse"></u></h3>
            <p>
            <p><u>Node.js+Express+MariaDB WebApp (Ansible)</u></p>
            <p>Página web de <span id="myName"></span></p>
            <p><script>getURL();</script></p>
            <p><div id="current_date"><script>getTIME();</script></div></p>
        </strong>
        <h3>Database connection</h3>
        <form action="/db" method="POST">
            <label for="username">User name:</label>
            <input type="text" id="username" name="username" required>
            <br><br>
            <label for="password">Password:</label>
            <input type="password" id="password" name="password" required>
            <br><br>
            <label for="hostname">DB hostname:</label>
            <input type="text" id="hostname" name="hostname" required>
            <br><br>
            <label for="database">DB name:</label>
            <input type="text" id="database" name="database" required>
            <input type="hidden" id="userId" name="userId">
            <input type="hidden" id="courseId" name="courseId">
            <br><br>
            <button type="submit">Connect</button>
        </form>
        <p>
        </div>
    </body>
</html>
[vagrant@oom2425-ansible ~]$
```

Tema: Prácticas (50%) | GEI-AISI X AISI - Ansible - aisi2425-ans X AISI - Prácticas Ansible - aisi2425 X A ansible.builtin.shell module X GEI AISI

No seguro http://oom2425-web

GEI AISI
oom2425-web

UNIVERSIDADE DA CORUÑA

GEI AISI: 2024/2025

Express

Node.js+Express+MariaDB WebApp.(Ansible)

Página web de Óscar Olveira Miniño

http://oom2425-web/

Tue Mar 11 2025 13:38:10 GMT+0100 (hora estándar de Europa central)

Database connection

User name:

Password:

DB hostname:

DB name:

Tema: Prácticas (50%) | GEI-AISI X AISI - Ansible - aisi2425-ansible X AISI - Prácticas Ansible - aisi2425 X A community.mysql.mysql_user m X GEI AISI

No seguro http://oom2425-web/db

UNIVERSIDADE DA CORUÑA

GEI AISI: 2024/2025

Express

Node.js+Express+MariaDB WebApp.(Ansible)

Página web de Óscar Olveira Miniño

http://oom2425-web/db

Tue Mar 11 2025 14:14:26 GMT+0100 (hora estándar de Europa central)

MariaDB URI: mysql://oom2425@oom2425-db:3306/oom2425db

MariaDB connection status from user oom2425: **OK**

Ejercicio 2:

```
vagrant@oom2425-ansible:~$ ls -LR /var/www/oom2425-vhost
/var/www/oom2425-vhost:
total 8
drwxr-xr-x 2 root root 4096 Mar 15 12:01 img
-rw-r--r-- 1 root root 870 Mar 15 12:01 index.html

/var/www/oom2425-vhost/img:
total 48
-rw-r--r-- 1 root root 20903 Mar 15 12:01 apache.png
-rw-r--r-- 1 root root 24371 Mar 15 12:01 udc.png
vagrant@oom2425-ansible:$ curl http://localhost
<html>
<head>
<head>
<meta charset="UTF-8">
<title>GEI AISI</title>
<script type="text/javascript">
    function getURL() {
        document.write(window.location.href);
    }
    function getTIME() {
        document.getElementById("current_date").innerHTML = Date();
    }
</script>
</head>
<body>
<div style="width:600px;height:350px;border:2px solid #000;text-align: center;">
<strong>
<p></p>
<h3><u>GEI AISI: 2024/2025</u></h3>
<p>
<p><u>Apache Web Server (Ansible)</u></p>
<p>Página web de Óscar Olveira Miniño</p>
<p>Virtual host: oom2425-vhost</p>
<p><script>getURL();</script></p>
<p><div id="current_date"><script>getTIME();</script></p>
</strong>
</div>
</body>
</html>
vagrant@oom2425-ansible:$ _
```

The screenshot shows a browser window with the URL <http://localhost:8080>. The page content includes:

- Logo of the Universidade da Coruña.
- Text: GEI AISI: 2024/2025.
- Apache logo with the text "HTTP SERVER PROJECT".
- Text: Apache Web Server (Ansible).
- Text: Página web de Óscar Olveira Miniño.
- Text: Virtual host: oom2425-vhost.
- Text: [http://localhost:8080/](http://localhost:8080).
- Text at the bottom: Sat Mar 15 2025 13:01:35 GMT+0100 (hora estándar de Europa central).

The browser tab bar shows the following tabs:

- Tema: Prácticas (50%) | GEI -
- AISI - Prácticas Ansible - ais -
- ansible.builtin.copy module -
- ansible.builtin.service module -
- GEI AISI

Ejercicio 3:

```
vagrant@oom2425-ansible:~ $ docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED             STATUS              PORTS               NAMES
de131ff5c70        oom2425-nginx_img   "/docker-entrypoint...."   19 hours ago       Up 14 minutes    0.0.0.0:80->80/tcp   oom2425-nginx
c69549350f30      oom2425-web_img     "flask run"            19 hours ago       Up 14 minutes    5000/tcp           oom2425-webapp
9757a49bf8ee      oom2425-db_img     "docker-entrypoint.s..."  19 hours ago       Up 14 minutes    3306/tcp, 33060/tcp  oom2425-db
vagrant@oom2425-ansible:~ $
vagrant@oom2425-ansible:~ $ docker image ls
REPOSITORY          TAG      IMAGE ID      CREATED             SIZE
oom2425-nginx_img  latest   73f2f3e0b6e  19 hours ago     192MB
<none>              <none>   405e34c83757  43 hours ago     192MB
oom2425-db_img     latest   610752820098  43 hours ago     797MB
oom2425-web_img    latest   2d3803412ec2  43 hours ago     614MB
nginx               <none>   b52e0b094bc0  5 weeks ago      192MB
nginx               1.27.4   53a18edff809  5 weeks ago      192MB
ubuntu              jammy    a24be041d957  7 weeks ago      77.9MB
mysql               9.2.0    fa262c3a6564  7 weeks ago      797MB
vagrant@oom2425-ansible:~ $
vagrant@oom2425-ansible:~ $ docker network ls
NETWORK ID         NAME     DRIVER      SCOPE
96aff4bb142a      bridge   bridge      local
3caee8a5f165      host     host       local
a674fed9dacc     none     null       local
e1e9eef9d2bd      oom2425-network  bridge      local
vagrant@oom2425-ansible:~ $
vagrant@oom2425-ansible:~ $ docker inspect --format "{{.NetworkSettings.Networks}}" oom2425-db
map[oom2425-network:0xc0000e8e00]
vagrant@oom2425-ansible:~ $ docker inspect --format "{{.NetworkSettings.Networks}}" oom2425-webapp
map[oom2425-network:0xc0000e8e00]
vagrant@oom2425-ansible:~ $ docker inspect --format "{{.NetworkSettings.Networks}}" oom2425-nginx
map[oom2425-network:0xc0000e8e00]
vagrant@oom2425-ansible:~ $
vagrant@oom2425-ansible:~ $
```

The screenshot shows a web browser window with the URL <http://localhost:9090>. The page displays the logo and name of the University of A Coruña, followed by the text "GEI AISI: 2024/2025". Below this, there is a large "Flask" logo with a blue square icon. The page also contains the text "Nginx+Flask+MySQL WebApp (Docker)", "Página web de Óscar Olveira Miniño", and the URL "http://localhost:9090/". At the bottom, it shows the date and time "Wed Mar 19 2025 13:59:23 GMT+0100 (hora estándar de Europa central)" and two MySQL connection status messages: "MySQL URI: mysql://flask@oom2425-db:3306/mydb" and "MySQL connection status from user oom2425: OK".

Ejercicio 4:

The screenshot shows the WordPress dashboard at <http://localhost:8090/wordpress/wp-admin/index.php>. The left sidebar includes links for Home, Updates (3), Posts, Media, Pages, Comments, Appearance, Plugins (1), Users, Tools, and Settings. The main area features a 'Welcome to WordPress!' message, a 'Get Started' section with a 'Customize Your Site' button, and a 'Site Health Status' box indicating 'No information yet...'. On the right, there's a 'Next Steps' section with links to Write your first blog post, Add an About page, Set up your homepage, and View your site. A 'More Actions' sidebar offers options like Manage widgets, Manage menus, Turn comments on or off, and Learn more about getting started. A 'Quick Draft' box is also present.

The screenshot shows the WordPress front-end at <http://localhost:8090/wordpress/>. The title bar reads 'OOM2425-WORDPRESS Just another WordPress site'. The main content area displays a single post titled 'Hello world!'. The post content is 'Welcome to WordPress. This is your first post. Edit or delete it, then start writing!'. Below the content, it says 'Published March 16, 2025 [Edit](#)' and 'Categorized as Uncategorized'. At the bottom, there's a search bar, recent posts ('Recent Posts' section with 'Hello world!'), and recent comments ('Recent Comments' section with 'A WordPress Commenter on Hello world!'). The footer includes the text 'Proudly powered by [WordPress](#)'.