



## Ejercicio 1:

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

[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 Oliveira 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: <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></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 ~]$
```

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**GEI AISI: 2024/2025**



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

**Página web de Óscar Oliveira 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:

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**GEI AISI: 2024/2025**



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

**Página web de Óscar Oliveira 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>
  <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>
  <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:~$
```

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

http://localhost:8080

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GEI AISI: 2024/2025



Apache Web Server (Ansible)

Página web de Óscar Olveira Miniño

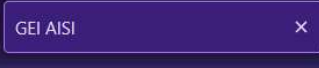


Virtual host: oom2425-vhost


http://localhost:8080/



Sat Mar 15 2025 13:01:35 GMT+0100 (hora estándar de Europa central)

## Ejercicio 3:

```
vagrant@oom2425-ansible: ~  
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       73f2f3e0b60e     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:~$
```



← → ↻   http://localhost:9090

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**GEI AISI: 2024/2025**  
 **Flask**  
**NgInx+Flask+MySQL WebApp (Docker)**  
Página web de Óscar Oliveira Miniño  
**http://localhost:9090/**  
**Wed Mar 19 2025 13:59:23 GMT+0100 (hora estándar de Europa central)**  
**MySQL URI: mysql://flask@oom2425-db:3306/mydb**  
**MySQL connection status from user oom2425: OK**

## Ejercicio 4:

