

# ESCALA PARA EL PROYECTO DJANGO - 1 - LIB (/PROJECTS/DJANGO-1-LIB)

Debes evaluar a 1 estudiante en este equipo.



repositorio Git

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## Introducción


Para el correcto desarrollo de esta evaluación, respete las siguientes reglas:

- Manténgase educado, amable, respetuoso y constructivo durante toda la conversación. Es una cuestión de confianza entre usted y la comunidad de 42.
- Resalte los posibles problemas que haya tenido con el trabajo presentado a la persona o grupo que está calificando y tómese el tiempo para hablar y debatir sobre ellos.
- Acepte que el tema del examen o las funciones requeridas pueden dar lugar a diferentes interpretaciones. Escuche la perspectiva de su compañero de discusión con una mente abierta (¿tiene razón o no?) y califíquela de la manera más justa posible.  
Los métodos de enseñanza de 42 solo tienen sentido si la evaluación entre pares se toma en serio.

## Pautas

- Solo debes evaluar lo que encontrarás en el repositorio GiT del estudiante o grupo.
- Tómate el tiempo para verificar que el repositorio GiT coincida con el estudiante o grupo y el proyecto.
- Verifica dos veces que no se haya usado un alias malicioso para engañarte y hacerte calificar algo diferente del contenido oficial del repositorio.
- Si una secuencia de comandos que se supone que ayuda a evaluar el examen es proporcionada por cualquiera de las partes, la otra parte tendrá que comprobarlo estrictamente para evitar sorpresas desagradables.
- Si el estudiante que evalúa aún no ha realizado este proyecto, tendrá que leer el tema del examen en su totalidad antes de comenzar la evaluación.
- Usa las banderas disponibles en este sistema de calificación para señalar un proyecto vacío o no funcional, un fallo en la norma, trampas, etc. En ese caso, la evaluación se detiene y la calificación final es 0 (o -42 si es un problema de trampas). Sin embargo, si no se trata de un problema de trampas, estás invitado a seguir hablando sobre el trabajo que se ha hecho (o no hecho, de hecho) para identificar los problemas que llevan a este estancamiento y evitarlo la próxima vez.

## Archivos adjuntos

 tema.pdf (https://cdn.intra.42.fr/pdf/pdf/96064/en.subject.pdf)

## Prefacio

*Esta sección se dedica al inicio de la evaluación y a la verificación de los prerrequisitos. No se califica, pero si hay algún error o no se cumple alguna condición, aquí o en cualquier momento durante la evaluación, la calificación es 0 y se puede marcar una casilla si es necesario.*

### Observando las instrucciones

Observando las instrucciones

- El repositorio contiene el trabajo del estudiante o grupo evaluado.
- El estudiante o grupo evaluado podrá explicar su trabajo en cualquier momento durante la evaluación.
- Durante toda la evaluación se observarán las instrucciones generales y específicas del día.
- For this project, you have to clone their Git repository on their station.

✓ Yes

✗ No

## Training Python-Django - 1 - Libraries

*- For each exercise, make sure that the file's global scope doesn't include any line of code, except for the module imports. - For each exercise, make sure that no import has been made except the ones explicitly authorized in the subject. - If one of those rules is not observed, the whole exercise is invalid. - Hard typing the result of an exercise in the code invalidates this exercise. - No code whatsoever should be included in the global scope of the file. This aims to force the use of functions. - You must test the exercises with Python3. If one exercise doesn't work with Python3, it's considered invalid, even if it works with Python2.*

### Exercise 00 - Antigravity

The exercise was just about using the 'geohash' function found in the 'Antigravity' module. If the student has recoded this function, well... congratulations... I think. But you still have to make sure everything works as it should.

Check that:

- The program takes three arguments: longitude, latitude and datedow (in any order).
- If one argument is missing or if it's not correct, the program must quit properly after displaying a relevant error message.
- The program returns a correct result: open the console under Python3, run 'import Antigravity' and 'Antigravity.geohash(latitude, longitude, datedow)' and check that for identical arguments, you get identical results.

If one of the elements is missing or the Python script and/or program crashes, this exercise is invalid.

✓ Yes

✗ No

### Exercise 01 - Pip

- There is a script which name ends with '.sh' and a Python program that's logically a '.py'.

Run the script:

- The script must display the pip version.
- The script must install the 'path.py' development version from a github address in the folder named 'local\_lib' in the repo folder.
- The script must list the install logs in a file with a ".log" extension.
- The script must execute the "my\_program.py" program.
- Check that the Python program imports the path.py module from the 'local\_lib' folder created by the script.
- The program must create a folder as well as a file inside it, then write something in this file and display its content.

Relaunch the script:

- The script must redownload the library in development version from its Github repo, crushing the previous version.

If one of the elements is missing or the Python script and/or program crashes, this exercise is invalid.

✓ Yes

✗ No

**Exercise 02 - request an API**

- There is a request\_wikipedia.py file.
- There is a requirement.txt file that allows your to install the necessary libraries in a VirtualEnv or on the system.
- Run the program without any parameter, then with an invalid one. The program must quit with a relevant error message. No file must be created.
- Run the program with a functional request. A file named after the request must be created, ending with '.wiki' and including the matching article. The latter must not include JSON formatting or Wiki Markup. There might be some markups left such as "Infobox" and the "<ref>" tags. Check that the dewiki library has been used requesting the address in the browser. You must clearly see a difference.

If one of the elements is missing or the Python script and/or program crashes, this exercise is invalid.

✓ Yes

✗ No

**Exercise 03 - HTML parsing**

- There is a roads\_to\_philosophy.py file.
- There is a requirement.txt file that allows your to install the necessary libraries in a VirtualEnv or on the system.
- Run the program without any parameter, then with an invalid one. The program must quit with a relevant error message. No file must be created.
- Test the program with the example given in the subject. Is the output right?
- Test the program with a request leading to a stalemate. The program must stop with an explicit message.
- Test the program with another functional request and test the same request on Wikipedia in your browser. Click the first link in the introduction paragraph of each article that does not include 'Help:IPA'. You must get the same result as the program.

If one of the elements is missing or the Python script and/or program crashes, this exercise is invalid.

✓ Yes

✗ No

**Exercise 04 - Virtualenv**

- Ask the evaluated student to launch the script. '(django\_venv)' must appear in your prompt. This means a virtualenv was created and activated. Make sure no virtualenv existed beforehand and it's really been created.

Then:

- Enter the 'python --version' command to make sure you're running the Version 3 of Python. (If Python has been aliased, run 'unalias python' before)
- Enter the 'pip freeze' command. The terminal must only send you the versions of Django and pycpg2.

If one of the elements is missing or the Python script and/or program crashes, this exercise is invalid.

✓ Yes

✗ No

**Exercise 05 - Hello World**

If Django is not installed on your system, you can use the previous exercise's virtualenv to run this evaluation.

## Proyectos Intra Django - 1 - Lib Edit

- You must find a folder with a Django project. Once inside, run the server with the 'python manage.py runserver' command. You should not see any Traceback appear. Don't mind the eventual red messages about migrations.
- Go to the following address in your browser: 'localhost:8000/helloworld'. You should see a simple but stylish 'Hello World !'

If one of the elements is missing or the Python script and/or program crashes, this exercise is invalid.

☒ Yes☐ No

## Ratings

Don't forget to check the flag corresponding to the defense

☒ Ok☐ ★ Outstanding project☐ Empty work☐ 📄 Incomplete work☐ 📄 Cheat☐ 📄 Crash☐ ▲ Concerning situation☐ 🚫 Forbidden function

## Conclusion

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