

Intensificación Técnica

Nombre: Ignacio

Apellidos: Warleta Murcia

UVUS: ignwarmur

Enlace al repositorio de GitHub:

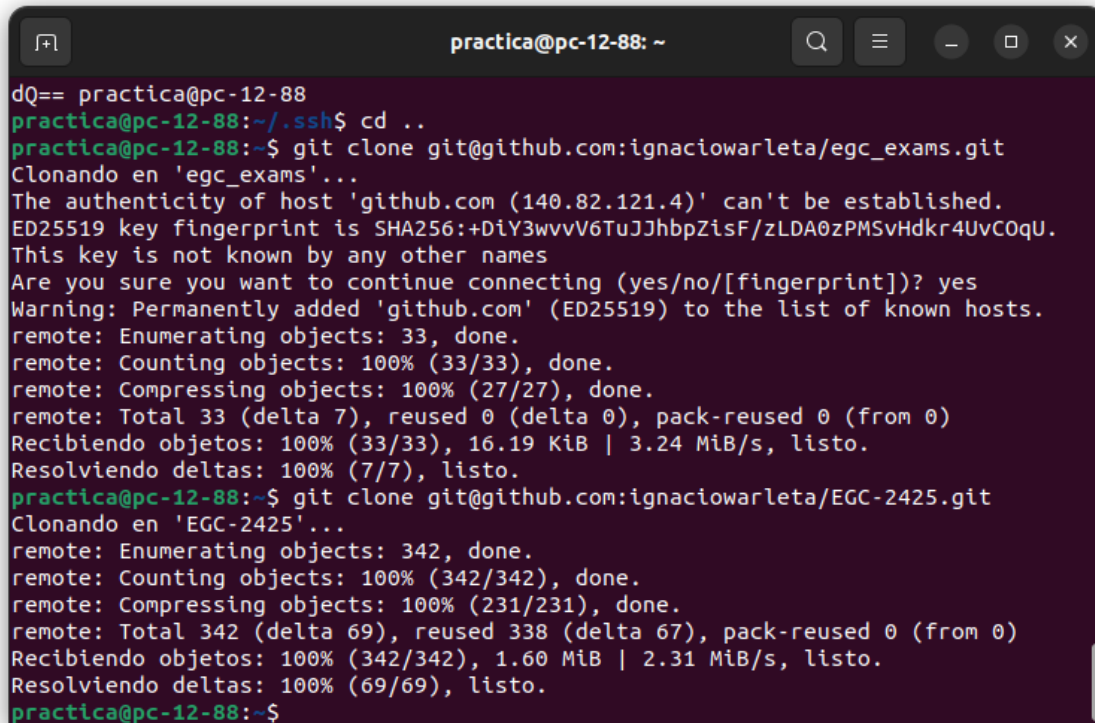
<https://github.com/ignaciowarleta/EGC-2425>

Intensificación Técnica

(A pesar de estar muy señalado, he hecho un fork por error con la opción por defecto marcada y no me da tiempo a corregirlo. Menuda he liado.)

Ejercicio Git

Apartado 1

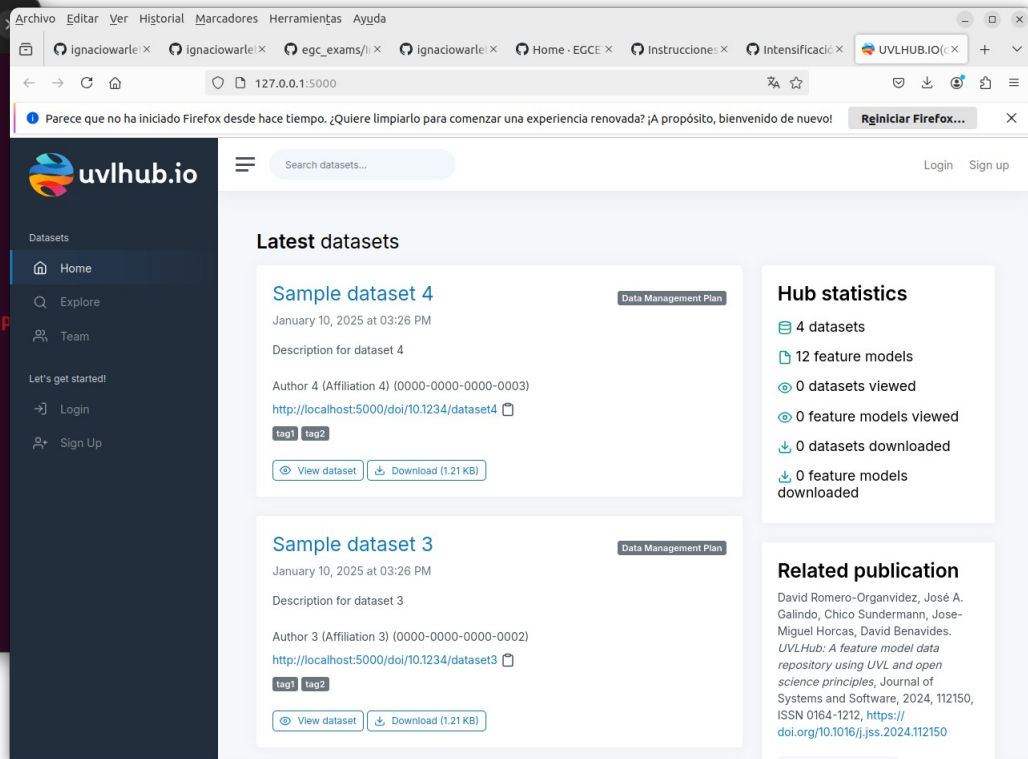
A terminal window with a dark background and light-colored text. The window title is 'practica@pc-12-88: ~'. It shows a series of commands and their outputs. The first command is 'cd ..'. The second is 'git clone git@github.com:ignaciowarleta/egc_exams.git', which triggers a warning about a new host's fingerprint and asks for confirmation to continue. The user responds 'yes'. The terminal then shows progress for cloning the repository, including object enumeration, counting, and compression. The third command is 'git clone git@github.com:ignaciowarleta/EGC-2425.git', which also shows progress for cloning a larger repository. The prompt returns to the user's shell.

```
dQ== practica@pc-12-88
practica@pc-12-88:~/.ssh$ cd ..
practica@pc-12-88:~$ git clone git@github.com:ignaciowarleta/egc_exams.git
Clonando en 'egc_exams'...
The authenticity of host 'github.com (140.82.121.4)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3wvvV6TUJJhbpZisF/zLDA0zPMSvHdkr4UvCOqU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
remote: Enumerating objects: 33, done.
remote: Counting objects: 100% (33/33), done.
remote: Compressing objects: 100% (27/27), done.
remote: Total 33 (delta 7), reused 0 (delta 0), pack-reused 0 (from 0)
Recibiendo objetos: 100% (33/33), 16.19 KiB | 3.24 MiB/s, listo.
Resolviendo deltas: 100% (7/7), listo.
practica@pc-12-88:~$ git clone git@github.com:ignaciowarleta/EGC-2425.git
Clonando en 'EGC-2425'...
remote: Enumerating objects: 342, done.
remote: Counting objects: 100% (342/342), done.
remote: Compressing objects: 100% (231/231), done.
remote: Total 342 (delta 69), reused 338 (delta 67), pack-reused 0 (from 0)
Recibiendo objetos: 100% (342/342), 1.60 MiB | 2.31 MiB/s, listo.
Resolviendo deltas: 100% (69/69), listo.
practica@pc-12-88:~$
```

Ejercicio Git

Apartado 2

```
practica@pc-12-88: ~/EGC-2425
(venv) practica@pc-12-88:~/EGC-2425$ rosenary db:seed
Seeding data for all modules...
AuthSeeder performed.
DataSetSeeder performed.
FeatureModelSeeder performed.
FlanapySeeder performed.
WebhookSeeder performed.
HubfileSeeder performed.
Database populated with test data.
(venv) practica@pc-12-88:~/EGC-2425$ flask run --host=0.0.0.0 --reload --debug
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a p
oduction WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://10.1.12.88:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 240-095-641
[2025-01-10 16:26:38,788] INFO in routes: Access index
2025-01-10 16:26:38,788 - app.modules.public.routes - INFO - Access index
127.0.0.1 - - [10/Jan/2025 16:26:38] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:26:38] "GET /static/css/app.css HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:26:38] "GET /static/css/own.css HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:26:38] "GET /static/css/dropzone.css HTTP/1.1" 200 -
```



Ejercicio Git

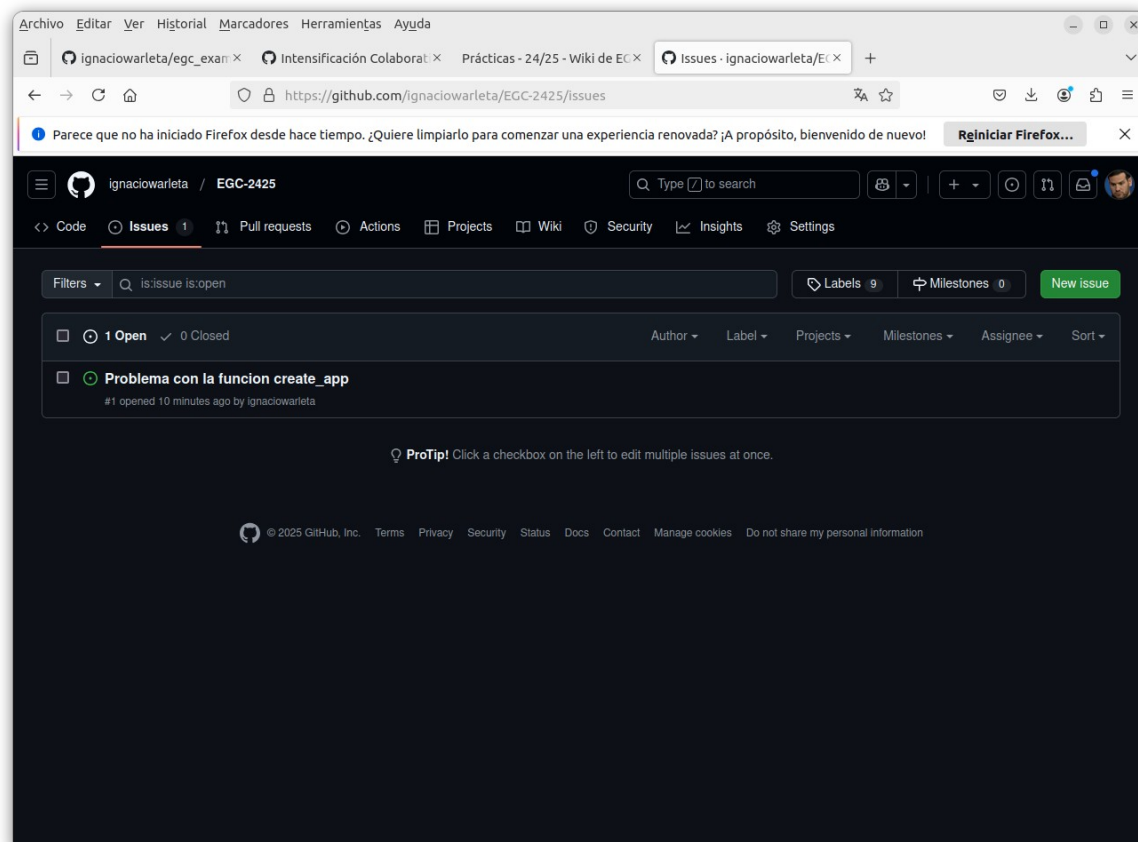
Apartado 3

```
practica@pc-12-88: ~/EGC-2425
(venv) practica@pc-12-88:~/EGC-2425$ ls
app      core      migrations  requirements.txt  rosemary.egg-info  setup.py  vagrant
app.log  docker    README.md   rosemary          scripts            uploads    venv
(venv) practica@pc-12-88:~/EGC-2425$ git branch -a
* feature/init-bug
  main
  remotes/origin/HEAD -> origin/main
  remotes/origin/feature/init-bug
  remotes/origin/main
(venv) practica@pc-12-88:~/EGC-2425$ flask run --host=0.0.0.0 --reload --debug
Traceback (most recent call last):
  File "/home/practica/EGC-2425/venv/bin/flask", line 8, in <module>
    sys.exit(main())
    ^^^^^^
  File "/home/practica/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 1
105, in main
    cli.main()
  File "/home/practica/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line
1078, in main
    rv = self.invoke(ctx)
    ^^^^^^^^^^^^^^^^^^
  File "/home/practica/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line
1688, in invoke
    return _process_result(sub_ctx.command.invoke(sub_ctx))
    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/home/practica/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line
1434, in invoke
    return ctx.invoke(self.callback, **ctx.params)
    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/home/practica/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line
783, in invoke
    return __callback(*args, **kwargs)
    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/home/practica/EGC-2425/venv/lib/python3.12/site-packages/click/decorators.py",
line 92, in new_func
    return ctx.invoke(f, obj, *args, **kwargs)
```

```
practica@pc-12-88: ~/EGC-2425
NameError: name 'create_app' is not defined
(venv) practica@pc-12-88:~/EGC-2425$
```

Ejercicio Git

Apartado 4



Ejercicio Git

Apartado 5

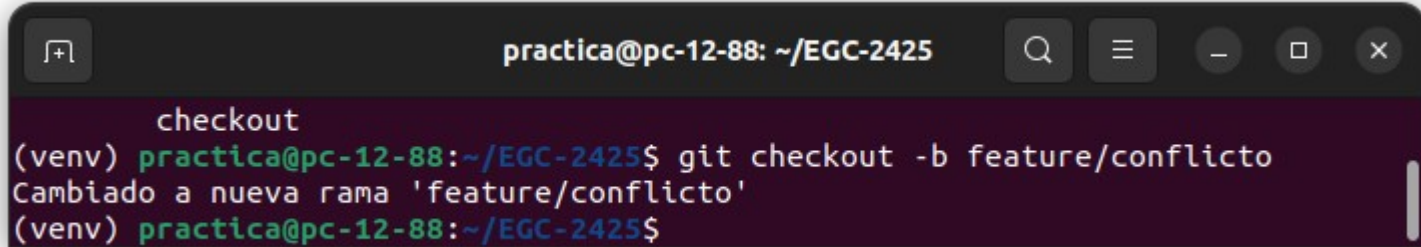
```
practica@pc-12-88: ~/EGC-2425
(venv) practica@pc-12-88:~/EGC-2425$ git checkout -b fix/app-init
Cambiado a nueva rama 'fix/app-init'
(venv) practica@pc-12-88:~/EGC-2425$ git add .
(venv) practica@pc-12-88:~/EGC-2425$ git commit -m "Correccion issue 1"
[fix/app-init 79e311f] Correccion issue 1
 2 files changed, 1 insertion(+), 1 deletion(-)
(venv) practica@pc-12-88:~/EGC-2425$ git push -u origin fix/app-init Closes #1
error: src refspec Closes no concuerda con ninguno
error: falló el empuje de algunas referencias a 'github.com:ignaciowarleta/EGC-2425.git'
(venv) practica@pc-12-88:~/EGC-2425$ git push -u origin fix/app-init Closes#1
error: src refspec Closes#1 no concuerda con ninguno
error: falló el empuje de algunas referencias a 'github.com:ignaciowarleta/EGC-2425.git'
(venv) practica@pc-12-88:~/EGC-2425$ git push -u origin fix/app-init Closes #1
error: src refspec Closes no concuerda con ninguno
error: falló el empuje de algunas referencias a 'github.com:ignaciowarleta/EGC-2425.git'
(venv) practica@pc-12-88:~/EGC-2425$ git push -u origin fix/app-init
Enumerando objetos: 9, listo.
Contando objetos: 100% (9/9), listo.
Compresión delta usando hasta 4 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (5/5), 505 bytes | 505.00 KiB/s, listo.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
```

Ejercicio Git

Apartado 6

Ejercicio Git

Apartado 7



```
practica@pc-12-88: ~/EGC-2425
checkout
(venv) practica@pc-12-88:~/EGC-2425$ git checkout -b feature/conflicto
Cambiado a nueva rama 'feature/conflicto'
(venv) practica@pc-12-88:~/EGC-2425$
```

Ejercicio Git

Apartado 7

```
practica@pc-12-88: ~/EGC-2425
Escribiendo objetos: 100% (5/5), 505 bytes | 505.00 KiB/s, listo.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'fix/app-init' on GitHub by visiting:
remote:   https://github.com/ignaciowarleta/EGC-2425/pull/new/fix/app-
remote:
To github.com:ignaciowarleta/EGC-2425.git
* [new branch]      fix/app-init -> fix/app-init
rama 'fix/app-init' configurada para rastrear 'origin/fix/app-init'.
(venv) practica@pc-12-88:~/EGC-2425$ git chekout -b feature/conflicto
git: 'chekout' no es un comando de git. Mira 'git --help'.

El comando más similar es
      checkout
(venv) practica@pc-12-88:~/EGC-2425$ git checkout -b feature/conflicto
Cambiado a nueva rama 'feature/conflicto'
(venv) practica@pc-12-88:~/EGC-2425$ git add .
(venv) practica@pc-12-88:~/EGC-2425$ git commit -m "Cambios1"
[feature/conflicto 26c1579] Cambios1
 1 file changed, 1 insertion(+), 1 deletion(-)
(venv) practica@pc-12-88:~/EGC-2425$
```

```
__init__.py
~/EGC-2425/app
Abrir Guardar
16 load_dotenv()
17
18 # Create the instances
19 db = SQLAlchemy()
20 migrate = Migrate()
21
22 def create_app(config_name='development'):
23     app = Flask(__name__)
24
25     # Load configuration according to environment
26     config_manager = ConfigManager(app)
27     config_manager.load_config(config_name=config_name)
28
29     # Initialize SQLAlchemy and Migrate with the app
30     db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
31     migrate.init_app(app, db)
32
33     # Register modules
34
```

Ejercicio Git

Apartado 7

```
__init__.py
~/EGC-2425/app  Guardar

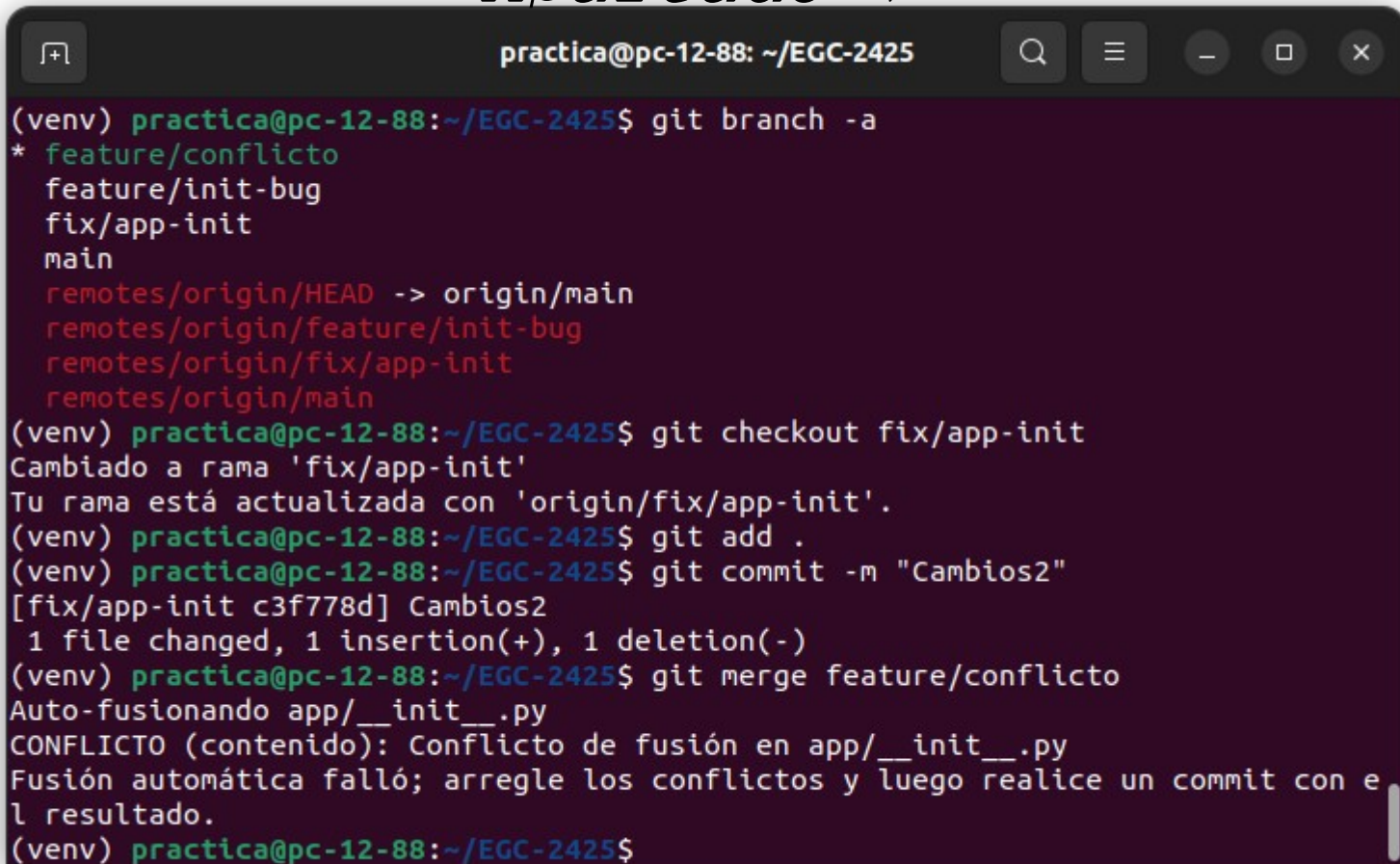
22 def create_app(config_name='development'):
23     app = Flask(__name__)
24
25     # Load configuration according to environment
26     config_manager = ConfigManager(app)
27     config_manager.load_config(config_name=config_name)
28
29     # Initialize SQLAlchemy and Migrate with the app
30     db.init_app(app, uri=os.getenv('DATABASE_URI'))
31     migrate.init_app(app, db)
32
33     # Register modules
34     module_manager = ModuleManager(app)
35     module_manager.register_modules()
36
37     # Register login manager
38     from flask_login import LoginManager
39     login_manager = LoginManager()
```

```
practica@pc-12-88: ~/EGC-2425

Cambiado a nueva rama 'feature/conflicto'
(venv) practica@pc-12-88:~/EGC-2425$ git add .
(venv) practica@pc-12-88:~/EGC-2425$ git commit -m "Cambios1"
[feature/conflicto 26c1579] Cambios1
1 file changed, 1 insertion(+), 1 deletion(-)
(venv) practica@pc-12-88:~/EGC-2425$ git branch -a
* feature/conflicto
  feature/init-bug
  fix/app-init
  main
  remotes/origin/HEAD -> origin/main
  remotes/origin/feature/init-bug
  remotes/origin/fix/app-init
  remotes/origin/main
(venv) practica@pc-12-88:~/EGC-2425$ git checkout fix/app-init
Cambiado a rama 'fix/app-init'
Tu rama está actualizada con 'origin/fix/app-init'.
(venv) practica@pc-12-88:~/EGC-2425$ git add .
(venv) practica@pc-12-88:~/EGC-2425$ git commit -m "Cambios2"
[fix/app-init c3f778d] Cambios2
1 file changed, 1 insertion(+), 1 deletion(-)
(venv) practica@pc-12-88:~/EGC-2425$
```

Ejercicio Git

Apartado 7



```
(venv) practica@pc-12-88: ~/EGC-2425
git branch -a
* feature/conflicto
  feature/init-bug
  fix/app-init
  main
remotes/origin/HEAD -> origin/main
remotes/origin/feature/init-bug
remotes/origin/fix/app-init
remotes/origin/main

(venv) practica@pc-12-88:~/EGC-2425$ git checkout fix/app-init
Cambiado a rama 'fix/app-init'
Tu rama está actualizada con 'origin/fix/app-init'.

(venv) practica@pc-12-88:~/EGC-2425$ git add .
(venv) practica@pc-12-88:~/EGC-2425$ git commit -m "Cambios2"
[fix/app-init c3f778d] Cambios2
 1 file changed, 1 insertion(+), 1 deletion(-)

(venv) practica@pc-12-88:~/EGC-2425$ git merge feature/conflicto
Auto-fusionando app/__init__.py
CONFLICTO (contenido): Conflicto de fusión en app/__init__.py
Fusión automática falló; arregle los conflictos y luego realice un commit con el resultado.

(venv) practica@pc-12-88:~/EGC-2425$
```


Ejercicio Git

Apartado 7

```

Abrir  ▾  [icon]  _init_.py  Guardar  ≡  -  □  ×
~/EGC-2425/app
25  # Load configuration according to environment
26  config_manager = ConfigManager(app)
27  config_manager.load_config(config_name=config_name)
28
29  # Initialize SQLAlchemy and Migrate with the app
30  <<<<<< HEAD
31  db.init_app(app, uri=os.getenv('DATABASE_URI'))
32  =====
33  db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
34  >>>>>> feature/conflicto
35  migrate.init_app(app, db)
36
37  # Register modules
38  module_manager = ModuleManager(app)
39  module_manager.register_modules()
40
41  # Register login manager
42  from flask_login import LoginManager

Python 2 ▾  Anchura del tabulador: 8 ▾  Ln 31, Col 39

```

```

Abrir  ▾  [icon]  _init_.py  Guardar  ≡  -  □  ×
~/EGC-2425/app
25  # Load configuration according to environment
26  config_manager = ConfigManager(app)
27  config_manager.load_config(config_name=config_name)
28
29  # Initialize SQLAlchemy and Migrate with the app
30  db.init_app(app, uri=os.getenv('DATABASE_URI'))
31  db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
32  migrate.init_app(app, db)
33
34  # Register modules
35  module_manager = ModuleManager(app)
36  module_manager.register_modules()
37
38  # Register login manager
39  from flask_login import LoginManager
40  login_manager = LoginManager()
41  login_manager.init_app(app)
42  login_manager.login_view = "auth.login"

Guardando el ... Python 2 ▾  Anchura del tabulador: 8 ▾  Ln 29, Col 53  ▾  INS

```

Ejercicio Git

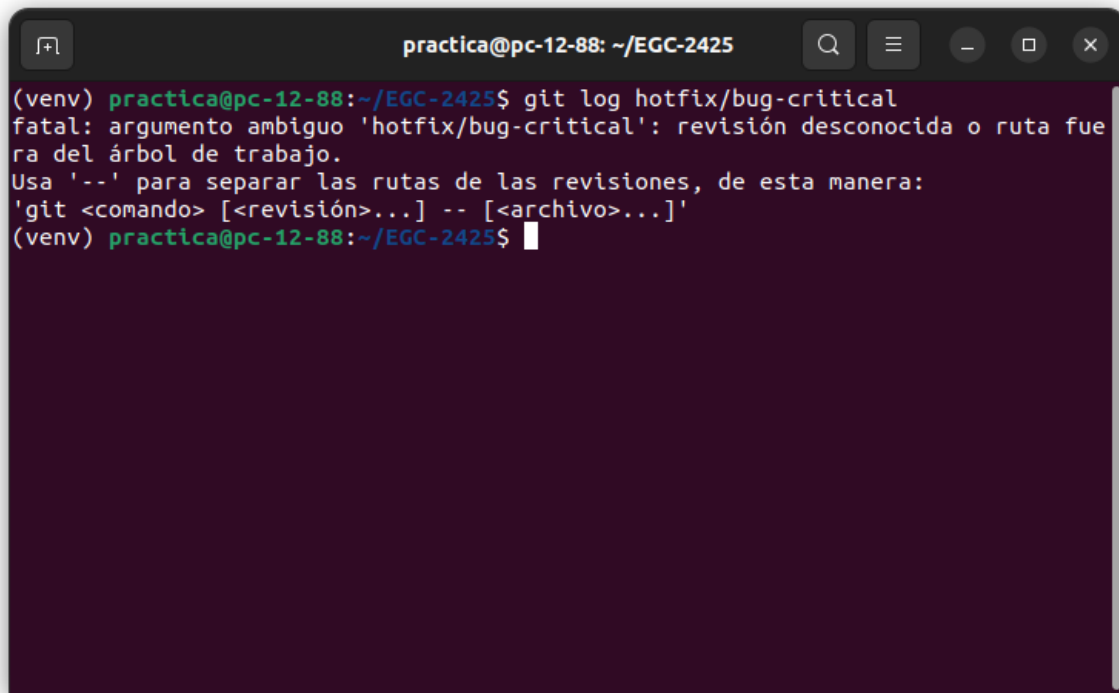
Apartado 7

```
practica@pc-12-88: ~/EGC-2425
fix/app-init
main
remotes/origin/HEAD -> origin/main
remotes/origin/feature/init-bug
remotes/origin/fix/app-init
remotes/origin/main
(venv) practica@pc-12-88:~/EGC-2425$ git checkout fix/app-init
Cambiado a rama 'fix/app-init'
Tu rama está actualizada con 'origin/fix/app-init'.
(venv) practica@pc-12-88:~/EGC-2425$ git add .
(venv) practica@pc-12-88:~/EGC-2425$ git commit -m "Cambios2"
[fix/app-init c3f778d] Cambios2
 1 file changed, 1 insertion(+), 1 deletion(-)
(venv) practica@pc-12-88:~/EGC-2425$ git merge feature/conflicto
Auto-fusionando app/__init__.py
CONFLICTO (contenido): Conflicto de fusión en app/__init__.py
Fusión automática falló; arregle los conflictos y luego realice un commit con e
l resultado.
(venv) practica@pc-12-88:~/EGC-2425$ git add .
(venv) practica@pc-12-88:~/EGC-2425$ git commit -m "Resolucion conflicto"
[fix/app-init b2b6faa] Resolucion conflicto
(venv) practica@pc-12-88:~/EGC-2425$
```

Ejercicio Git

Apartado 8

Deberia salir los commits junto a sus hash

A terminal window with a dark background and light text. The window title is 'practica@pc-12-88: ~/EGC-2425'. The command entered is '(venv) practica@pc-12-88:~/EGC-2425\$ git log hotfix/bug-critical'. The output shows a fatal error: 'fatal: argumento ambiguo 'hotfix/bug-critical': revisión desconocida o ruta fuera del árbol de trabajo.' followed by instructions on how to use the '--' separator in git commands. The prompt is ready for the next command.

```
(venv) practica@pc-12-88:~/EGC-2425$ git log hotfix/bug-critical
fatal: argumento ambiguo 'hotfix/bug-critical': revisión desconocida o ruta fue
ra del árbol de trabajo.
Usa '--' para separar las rutas de las revisiones, de esta manera:
'git <comando> [<revisión>...] -- [<archivo>...]'
(venv) practica@pc-12-88:~/EGC-2425$
```

Ejercicio Git

Apartado 9

Al no salir en el apartado anterior el código hash no puedo realizar cherry pick, pero simplemente sería ejecutar el comando `git cherry-pick hash1234` siendo hash1234 el hash que se desee usar y pushear

Ejercicio Git

Apartado 10



```
(venv) practica@pc-12-88: ~/EGC-2425
fatal: argumento ambiguo 'hotfix/bug-critical': revisión desconocida o ruta fuera del árbol de trabajo.
Usa '--' para separar las rutas de las revisiones, de esta manera:
'git <comando> [<revisión>...] -- [<archivo>...]'
(venv) practica@pc-12-88:~/EGC-2425$
```

Ejercicio Git

Apartado 11

En funcion del log que resultara del apartado 10 deberiamos realizar un git rebase -i HEAD~ indicando el numero para que resulte el historial como el que se indica

Ejercicio Git

Apartado 12

```
Git checkout -b feature/parche  
Git checkout fix/bug-atomic
```

Ejercicio Git

Apartado 13

Podria ser:

```
Git diff HEAD > cambios.patch
```

Ejercicio Git

Apartado 14

Con un checkout nos moveríamos a la rama indicada.
Con un git log --oneline obtendríamos el hash del
commit que deseamos y solo tendríamos que ejecutar git
cherry-pick hash1234

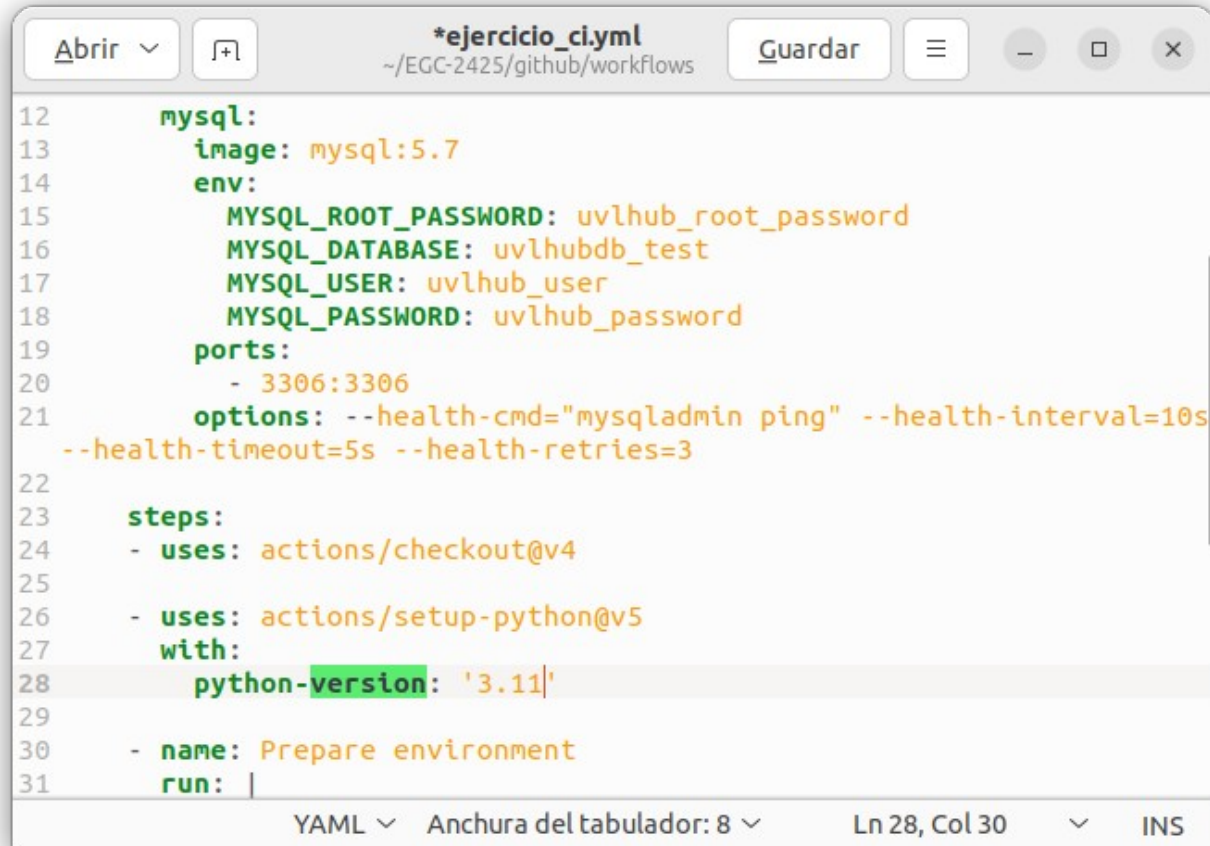
Ejercicio Git

Apartado 15

Se podria hacer con `git apply cambios.patch`

Ejercicio GitHub Actions

Apartado 1



```
12     mysql:
13       image: mysql:5.7
14       env:
15         MYSQL_ROOT_PASSWORD: uvlhub_root_password
16         MYSQL_DATABASE: uvlhubdb_test
17         MYSQL_USER: uvlhub_user
18         MYSQL_PASSWORD: uvlhub_password
19       ports:
20         - 3306:3306
21       options: --health-cmd="mysqladmin ping" --health-interval=10s
22               --health-timeout=5s --health-retries=3
23
24     steps:
25       - uses: actions/checkout@v4
26
27       - uses: actions/setup-python@v5
28         with:
29           python-version: '3.11'
30
31       - name: Prepare environment
32         run: |
```

YAML ▾ Anchura del tabulador: 8 ▾ Ln 28, Col 30 ▾ INS

Ejercicio GitHub Actions

Apartado 2

Ejercicio GitHub Actions

Apartado 3

Ejercicio GitHub Actions

Apartado 4

Ejercicio GitHub Actions

Apartado 5

Ejercicio GitHub Actions

Apartado 6

Ejercicio GitHub Actions

Apartado 7

Ejercicio Docker

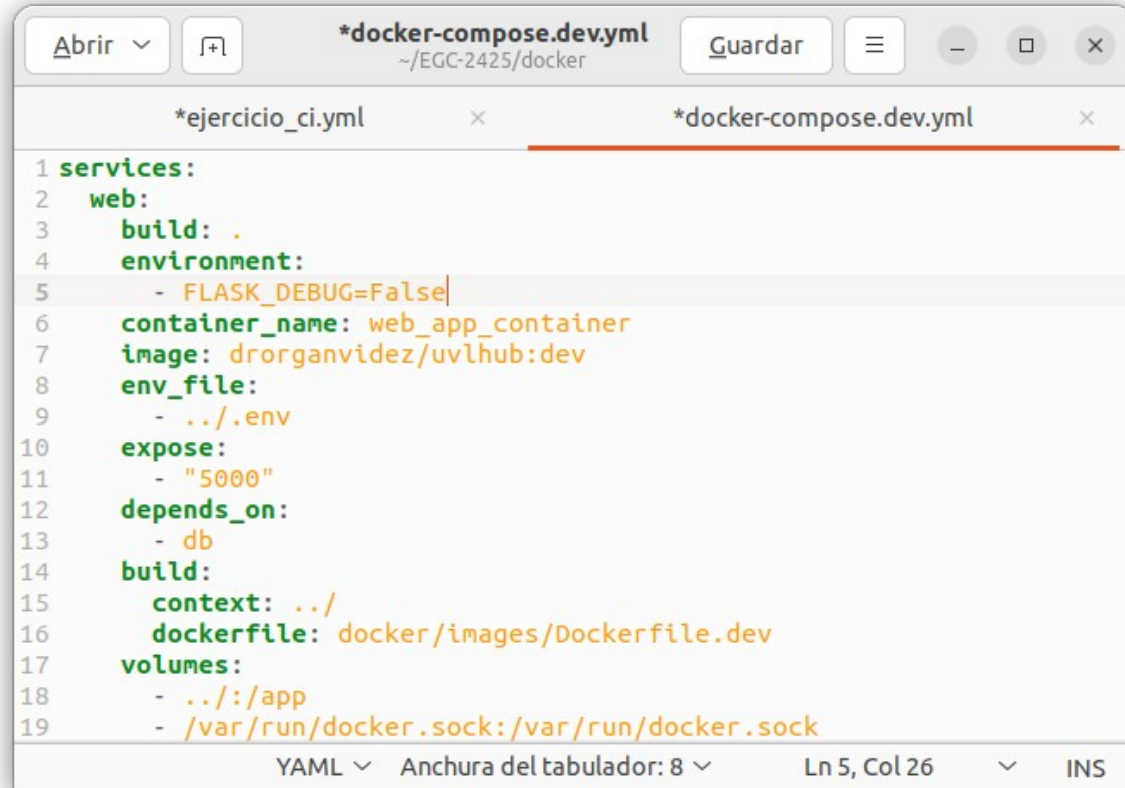
Apartado 1

```
practica@pc-12-88: ~/EGC-2425
(venv) practica@pc-12-88:~/EGC-2425$ git checkout -b chore/docker
Cambiado a nueva rama 'chore/docker'
(venv) practica@pc-12-88:~/EGC-2425$ cp .env.docker.example .env
(venv) practica@pc-12-88:~/EGC-2425$ docker compose -f docker/docker-compose.dev
.yml up -d
[+] Running 9/9
  ✓ nginx Pulled                                8.0s
  ✓ fd674058ff8f Pull complete                  2.3s
  ✓ 566e42bcee1c Pull complete                  3.1s
  ✓ 2b99b9c5d9e5 Pull complete                  3.2s
  ✓ bd98674871f5 Pull complete                  3.2s
  ✓ 1e109dd2a0d7 Pull complete                  3.3s
  ✓ da8cc133ff82 Pull complete                  3.3s
  ✓ c44f27309ea1 Pull complete                  3.3s
! web Warning                                1.2s
  manifest for drorganvidez/uvlh...
[+] Running 0/1
[+] Building 0.5s (1/2)                        docker:default
[+] Building 15.8s (6/7)                        docker:default
[+] Running 1/2.3s (12/26)                      docker:default
[+] Building 31.4s (12/26)                      docker:default
=> => transferring context: 2B                  0.0s
[+] Building 91.2s (24/26)                      docker:default
=> => extracting sha256:de2a998baeb3b693572201ce82da66e97b26f2feabf01efb 0.9s
```

```
practica@pc-12-88: ~/EGC-2425
=> [web 8/15] COPY --chmod=0755 scripts/wait-for-db.sh ./scripts/ 0.1
=> [web 9/15] COPY --chmod=0755 scripts/init-testing-db.sh ./scripts/ 0.1
=> [web 10/15] COPY rosemary/ ./rosemary 0.2
=> [web 11/15] COPY setup.py ./ 0.1
=> [web 12/15] COPY docker/ ./docker 0.0
=> [web 13/15] RUN pip install --no-cache-dir --upgrade pip 2.5
=> [web 14/15] RUN pip install -r requirements.txt 39.3
=> [web 15/15] RUN pip install -e ./ 1.9
=> [web] exporting to image 2.6
=> => exporting layers 2.5
[+] Running 6/7 image sha256:fd2f6bf87c2e6b442c50cd9d13c086f9aa78f0428de45 0.0
  ✓ Service db Built 16.0
  ✓ Service web Built 93.8
  ✓ Network docker_uvnhub_network Created 0.1
  ✓ Volume "docker_db_data" Crea... 0.0
  : Container mariadb_container Starting 0.4
  ✓ Container web_app_container Created 0.1
  ✓ Container nginx_web_server_container Created 0.0
Error response from daemon: driver failed programming external connectivity on
ndpoint mariadb_container (37833d439e9eb8749a78b2be7a054e83ce2bad13c3f2e60ae4a
71d359c45b3): failed to bind port 0.0.0.0:3306/tcp: Error starting userland pr
y: listen tcp4 0.0.0.0:3306: bind: address already in use
(venv) practica@pc-12-88:~/EGC-2425$
```

Ejercicio Docker

Apartado 2



The image shows a code editor window with two tabs: `*ejercicio_ci.yml` and `*docker-compose.dev.yml`. The `*docker-compose.dev.yml` tab is active and displays a Docker Compose configuration for a service named `web`. The configuration includes build settings, environment variables, container name, image, environment file, port exposure, dependencies, and volume mounts. The current cursor position is at line 5, column 26, where the text `FLASK_DEBUG=False` is being edited.

```
1 services:
2   web:
3     build: .
4     environment:
5       - FLASK_DEBUG=False
6     container_name: web_app_container
7     image: drorganvidez/uvlhub:dev
8     env_file:
9       - ../.env
10    expose:
11      - "5000"
12    depends_on:
13      - db
14    build:
15      context: ../
16      dockerfile: docker/images/Dockerfile.dev
17    volumes:
18      - ../:/app
19      - /var/run/docker.sock:/var/run/docker.sock
```

YAML ▾ Anchura del tabulador: 8 ▾ Ln 5, Col 26 ▾ INS

Ejercicio Docker

Apartado 3

Ejercicio Docker

Apartado 4

Ejercicio Docker

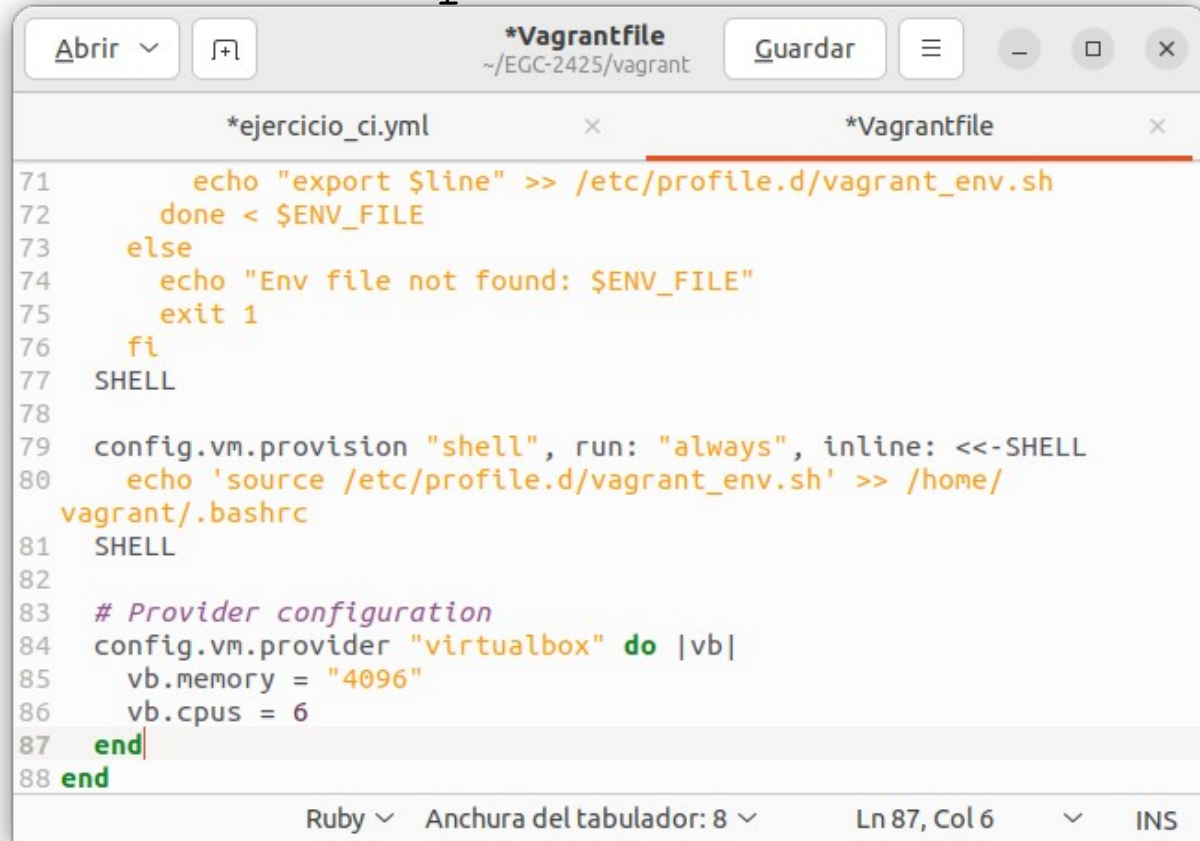
Apartado 5

Ejercicio Docker

Apartado 6

Ejercicio Vagrant

Apartado 1



The image shows a code editor window titled '*Vagrantfile' with the path '~/.EGC-2425/vagrant'. The editor has a menu bar with 'Abrir' and 'Guardar' buttons. The main content area displays a Ruby script for a Vagrantfile, with line numbers 71 through 88 on the left. The script configures a virtual machine with a shell, provision script, and provider settings. The status bar at the bottom indicates 'Ruby', 'Anchura del tabulador: 8', 'Ln 87, Col 6', and 'INS'.

```
71     echo "export $line" >> /etc/profile.d/vagrant_env.sh
72     done < $ENV_FILE
73     else
74         echo "Env file not found: $ENV_FILE"
75         exit 1
76     fi
77 SHELL
78
79 config.vm.provision "shell", run: "always", inline: <<-SHELL
80     echo 'source /etc/profile.d/vagrant_env.sh' >> /home/
vagrant/.bashrc
81 SHELL
82
83 # Provider configuration
84 config.vm.provider "virtualbox" do |vb|
85     vb.memory = "4096"
86     vb.cpus = 6
87 end
88 end
```

Ruby ▾ Anchura del tabulador: 8 ▾ Ln 87, Col 6 ▾ INS

Ejercicio Vagrant

Apartado 2

Ejercicio Vagrant

Apartado 3

Ejercicio Vagrant

Apartado 4