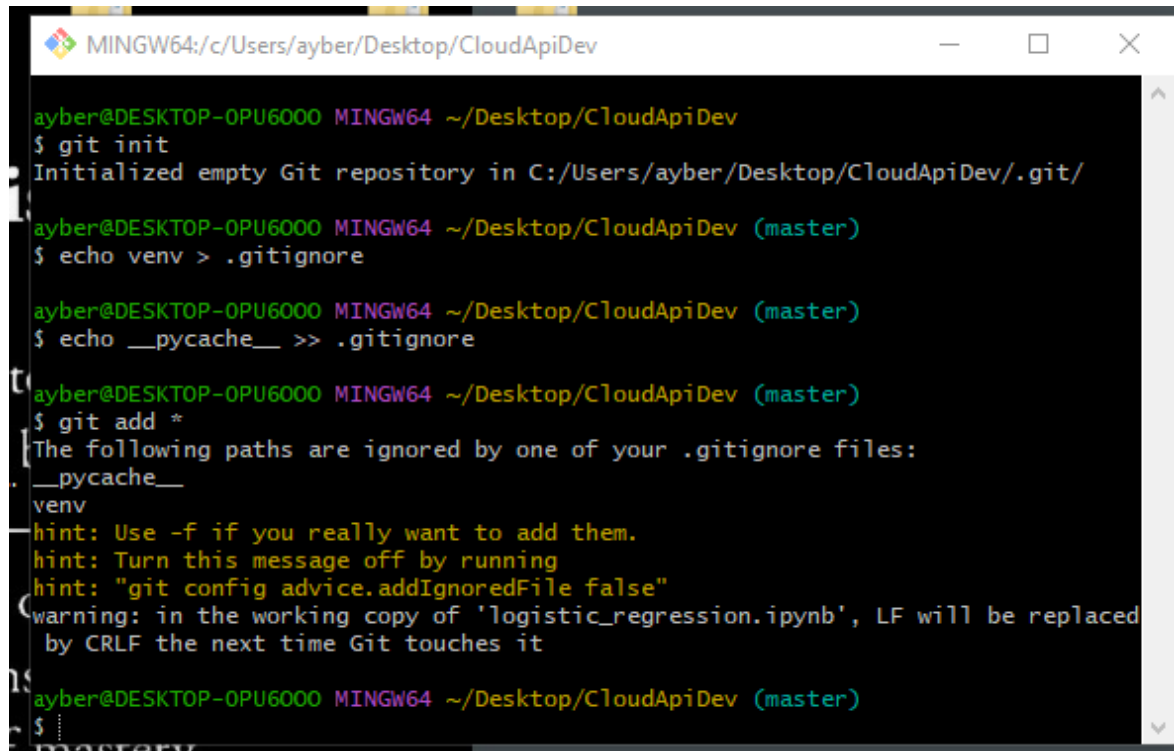


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Batch Code: LISUM19

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1 – Initializing the git repository

A screenshot of a terminal window titled 'MINGW64: c:/Users/ayber/Desktop/CloudApiDev'. The terminal shows the following commands and output:

```
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev
$ git init
Initialized empty Git repository in C:/Users/ayber/Desktop/CloudApiDev/.git/

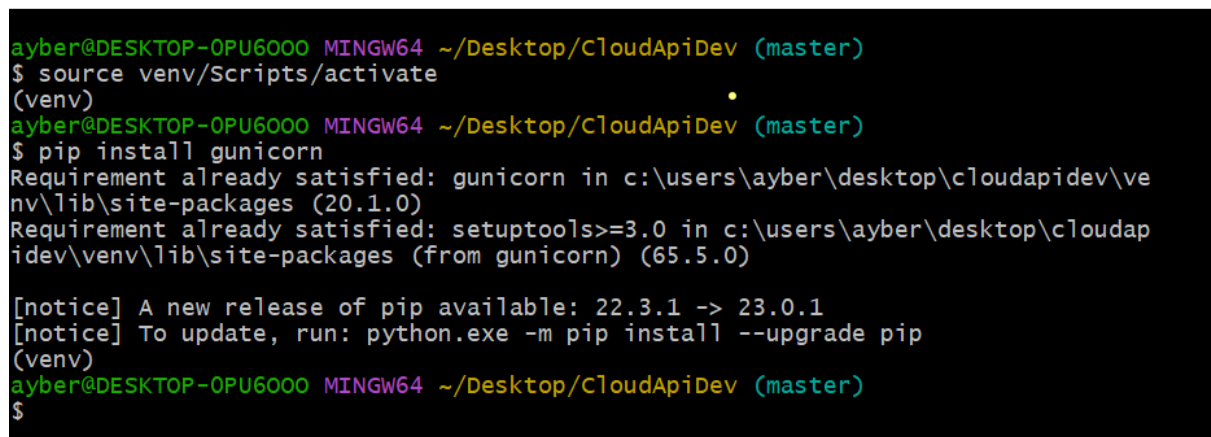
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ echo venv > .gitignore

ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ echo __pycache__ >> .gitignore

ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ git add *
The following paths are ignored by one of your .gitignore files:
. __pycache__
venv
hint: Use -f if you really want to add them.
hint: Turn this message off by running
hint: "git config advice.addIgnoredFile false"
warning: in the working copy of 'logistic_regression.ipynb', LF will be replaced
by CRLF the next time Git touches it

ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ !
```

2 – Activating the virtual environment and installing gunicorn.

A screenshot of a terminal window showing the activation of a virtual environment and installation of gunicorn. The terminal output is as follows:

```
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ source venv/Scripts/activate
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ pip install gunicorn
Requirement already satisfied: gunicorn in c:\users\ayber\desktop\cloudapidev\venv\lib\site-packages (20.1.0)
Requirement already satisfied: setuptools>=3.0 in c:\users\ayber\desktop\cloudapidev\venv\lib\site-packages (from gunicorn) (65.5.0)

[notice] A new release of pip available: 22.3.1 -> 23.0.1
[notice] To update, run: python.exe -m pip install --upgrade pip
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$
```

3 –Creating the Procfile and writing the necessary commands inside.

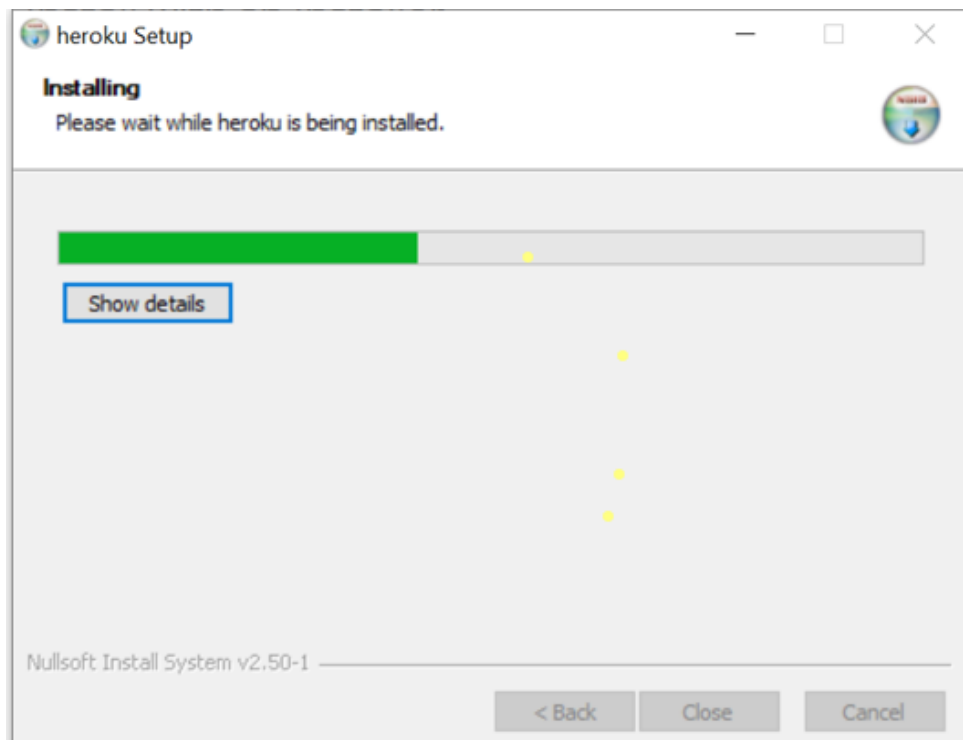
```
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ source venv/Scripts/activate
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ pip install gunicorn
Requirement already satisfied: gunicorn in c:\users\ayber\desktop\cloudapidev\venv\lib\site-packages (20.1.0)
Requirement already satisfied: setuptools>=3.0 in c:\users\ayber\desktop\cloudapidev\venv\lib\site-packages (from gunicorn) (65.5.0)

[notice] A new release of pip available: 22.3.1 -> 23.0.1
[notice] To update, run: python.exe -m pip install --upgrade pip
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ touch Procfile
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ touch Procfile.txt
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ |
```

4 –Creating the requirements.txt which consist of packages used in the virtual enviroment then adding and committing to repository.

```
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ pip freeze > requirements.txt
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ git add .
warning: in the working copy of '.gitignore', LF will be replaced by
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ git commit -m "initialize the app"
[master bf988cb] initialize the app
3 files changed, 4 insertions(+)
create mode 100644 .gitignore
create mode 100644 Procfile.txt
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ ~
```

5 –installing the heroku cli to use it with the git bash terminal



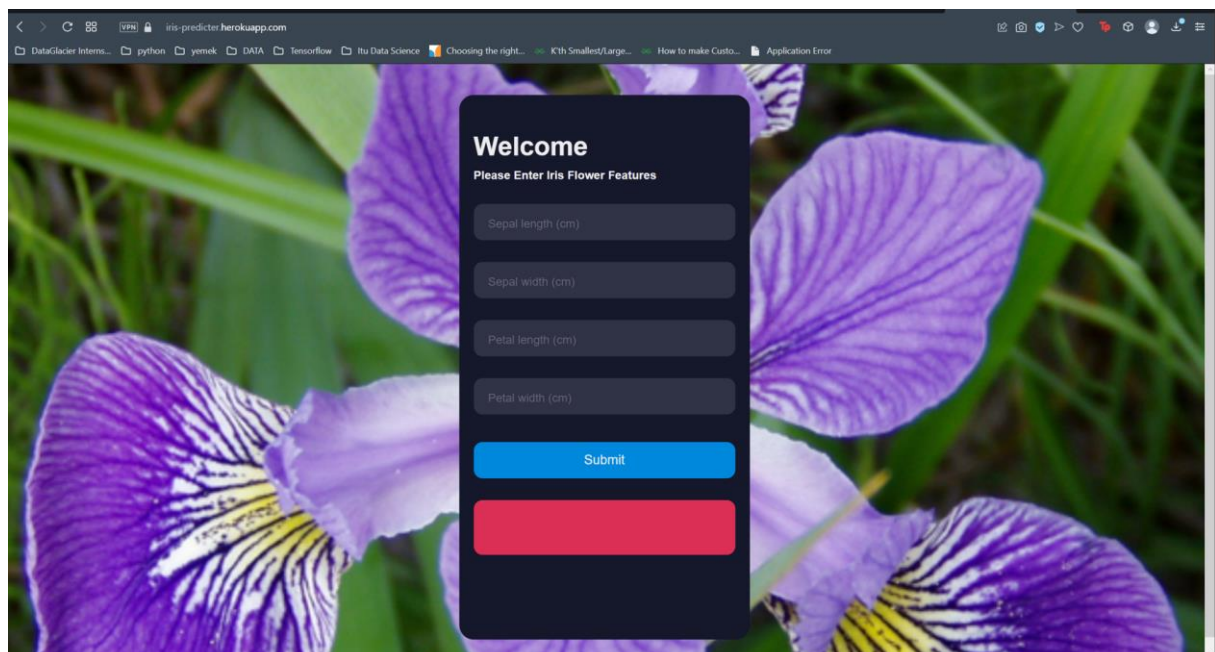
6 –Logging into heroku in order to push the repository

```
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ heroku login
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/cli/browser/90a
heroku: Waiting for login...
Logging in... done
Logged in as ayberk5734@gmail.com
^CTerminate batch job (Y/N)? y
y
(venv)
ayber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ |
```

7 –Pushing Changes to Heroku

```
cyber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
$ git push heroku master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 295 bytes | 295.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Compressing source files... done.
remote: Building source:
remote:
remote: ----> Building on the Heroku-22 stack
remote: ----> Using buildpack: heroku/python
remote: ----> Python app detected
remote: ----> No Python version was specified. Using the same version as the last build: python-3.11.2
remote: ----> To use a different version, see: https://devcenter.heroku.com/articles/python-runtimes
remote: ----> No change in requirements detected, installing from cache
remote: ----> Using cached install of python-3.11.2
remote: ----> Installing pip 23.0.1, setuptools 63.4.3 and wheel 0.38.4
remote: ----> Installing SQLite3
remote: ----> Installing requirements with pip
remote: ----> Discovering process types
remote: ----> Procfile declares types -> web
remote:
remote: ----> Compressing...
remote: Done: 177.6M
remote: ----> Launching...
remote: Released v6
remote: https://iris-predictor.herokuapp.com/ deployed to Heroku
remote:
remote: Verifying deploy... done.
To https://git.heroku.com/iris-predictor.git
7543dad..c48d5ed master -> master
cyber@DESKTOP-0PU6000 MINGW64 ~/Desktop/CloudApiDev (master)
```

8 –My App is Ready and Deployed!!!!



<https://iris-predictor.herokuapp.com/> Please visit the site!