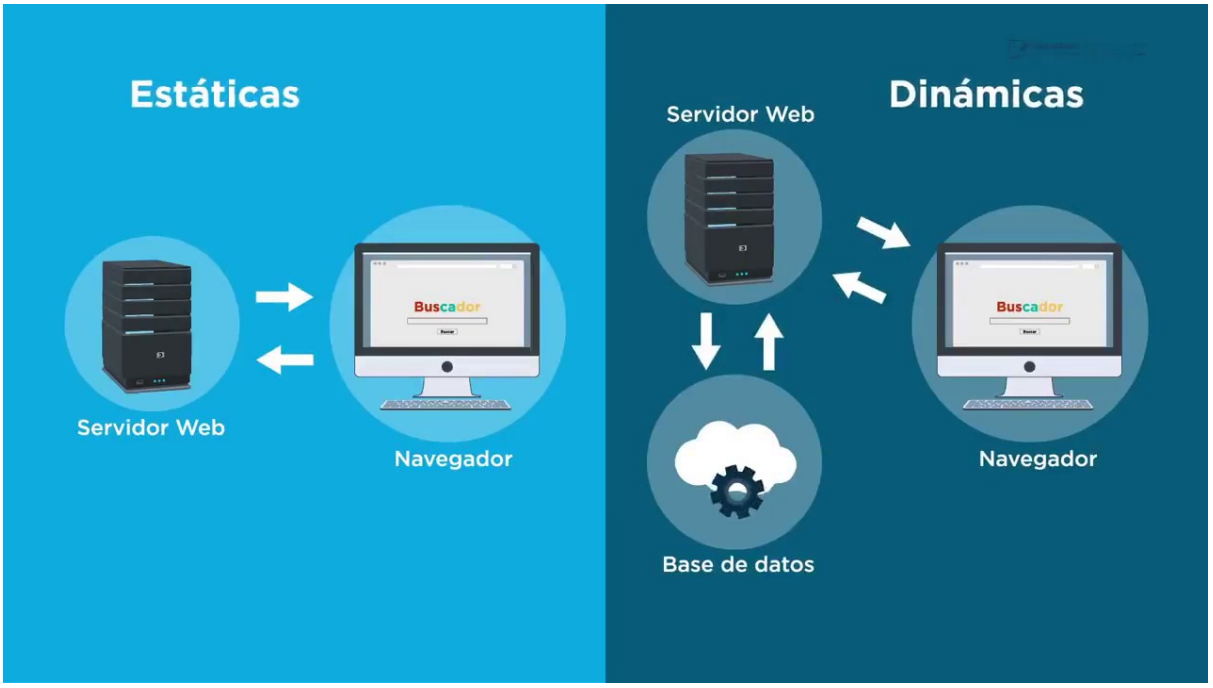
NF1-PAC02a Web Services - NASA

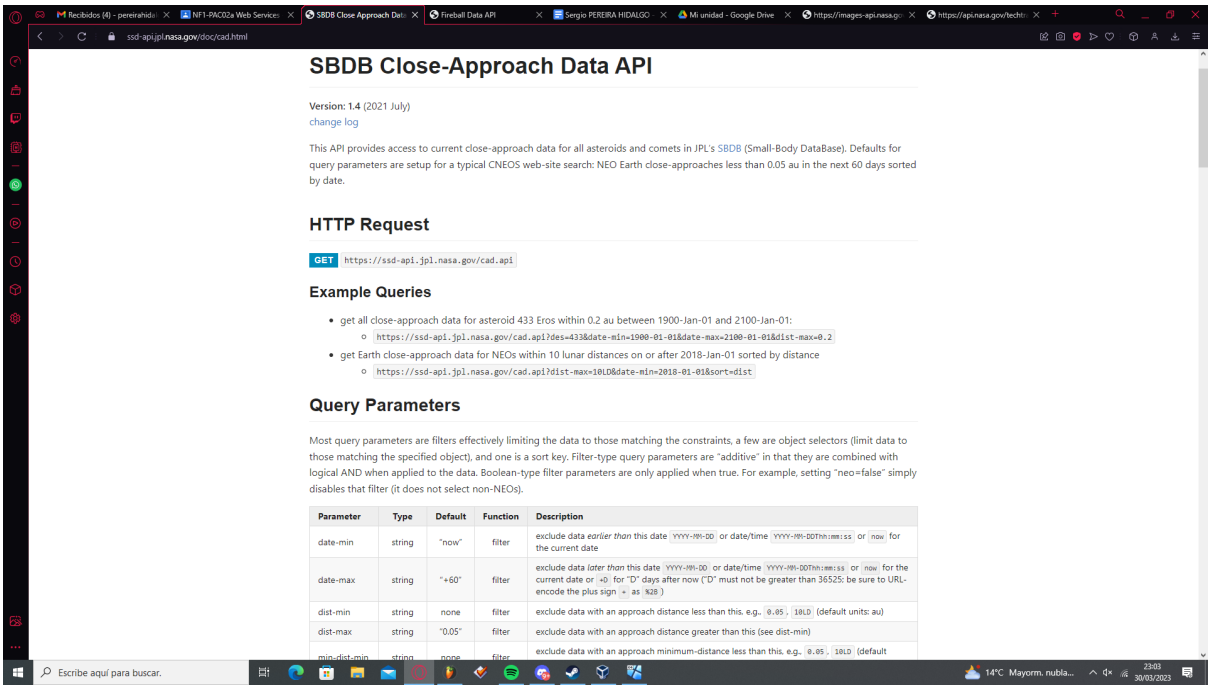


UF3

Desenv. EntornClient

Sergio Pereira

1.-- A l'apartat "Browse APIs" escull una API per treballar.



SBDB Close-Approach Data API

Version: 1.4 (2021 July)
change log

This API provides access to current close-approach data for all asteroids and comets in JPL's SBDB (Small-Body DataBase). Defaults for query parameters are setup for a typical CNEOS web-site search: NEO Earth close-approaches less than 0.05 au in the next 60 days sorted by date.

HTTP Request

GET `https://ssd-api.jpl.nasa.gov/cad.api`

Example Queries

- get all close-approach data for asteroid 433 Eros within 0.2 au between 1900-Jan-01 and 2100-Jan-01:
  - `https://ssd-api.jpl.nasa.gov/cad.api?des=433&date-min=1900-01-01&date-max=2100-01-01&dist-max=0.2`
- get Earth close-approach data for NEOs within 10 lunar distances on or after 2018-Jan-01 sorted by distance
  - `https://ssd-api.jpl.nasa.gov/cad.api?dist-max=10LD&date-min=2018-01-01&sort=dist`

Query Parameters

Most query parameters are filters effectively limiting the data to those matching the constraints, a few are object selectors (limit data to those matching the specified object), and one is a sort key. Filter-type query parameters are "additive" in that they are combined with logical AND when applied to the data. Boolean-type filter parameters are only applied when true. For example, setting "neo=false" simply disables that filter (it does not select non-NEOs).

Parameter	Type	Default	Function	Description
date-min	string	"now"	filter	exclude data *earlier than* this date `YYYY-MM-DD` or date/time `YYYY-MM-DDThh:mm:ss` or `now` for the current date
date-max	string	"+60"	filter	exclude data *later than* this date `YYYY-MM-DD` or date/time `YYYY-MM-DDThh:mm:ss` or `now` for the current date or `+D` for "D" days after now ("D" must not be greater than 36525; be sure to URL-encode the plus sign `+` as `%2B`)
dist-min	string	none	filter	exclude data with an approach distance less than this. e.g., `0.05`, `10LD` (default units: au)
dist-max	string	"0.05"	filter	exclude data with an approach distance greater than this (see dist-min)
min-dist-min	string	none	filter	exclude data with an approach minimum-distance less than this. e.g., `0.05`, `10LD` (default

2- Escriu en els comentaris d'aquesta tasca l'API que has escollit.

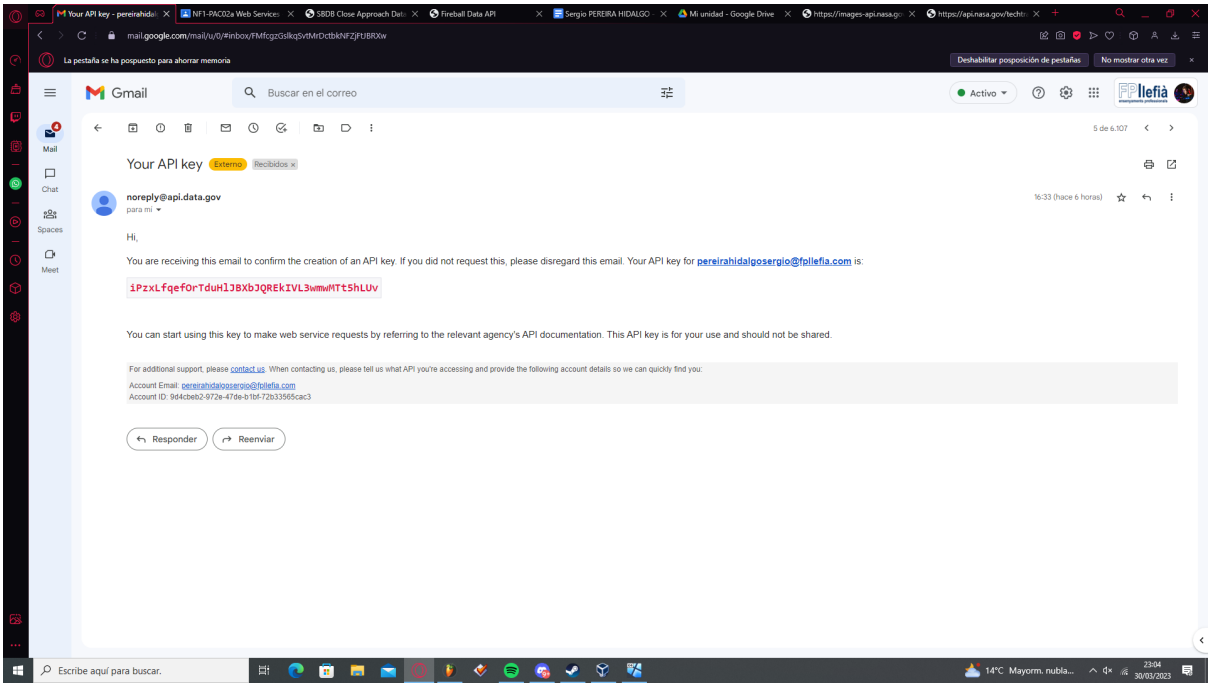
donki

Edgar MUÑOZ MANJON 16:32
eonet

Rubén REDONDO BARROSO 17:59
Mars Rover Photos

Sergio PEREIRA HIDALGO 23:03
SBDB Close-Approach Data API

3 - Aplica la teva key i obté la informació que et facilita l'API.



Gmail — Your API key

noreply@api.data.gov
para mi

Hi,

You are receiving this email to confirm the creation of an API key. If you did not request this, please disregard this email. Your API key for pereirahidalgosergio@fpllefia.com is:

`iPzxLfqefOrTduHlJBXbJQREkIVL3wmwMTt5hLUv`

You can start using this key to make web service requests by referring to the relevant agency's API documentation. This API key is for your use and should not be shared.

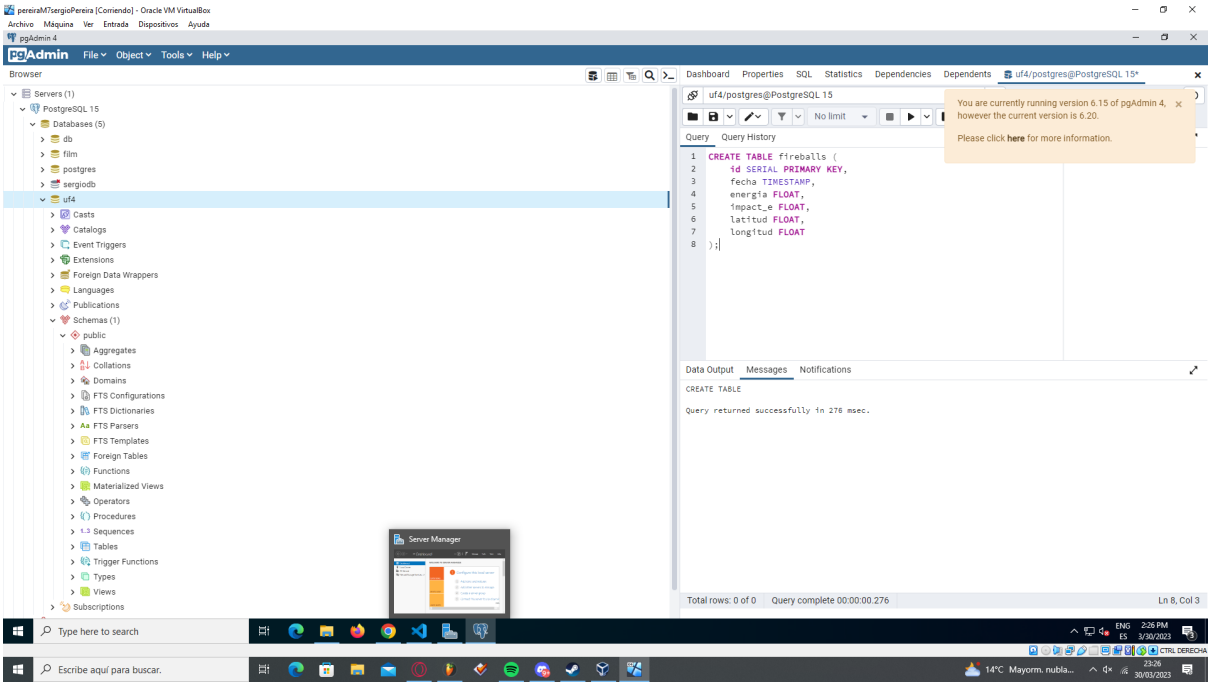
For additional support, please contact us. When contacting us, please tell us what API you're accessing and provide the following account details so we can quickly find you:

Account Email: pereirahidalgosergio@fpllefia.com
Account ID: 9d4cbeb2-972e-47de-b1bf-72b33565cac3

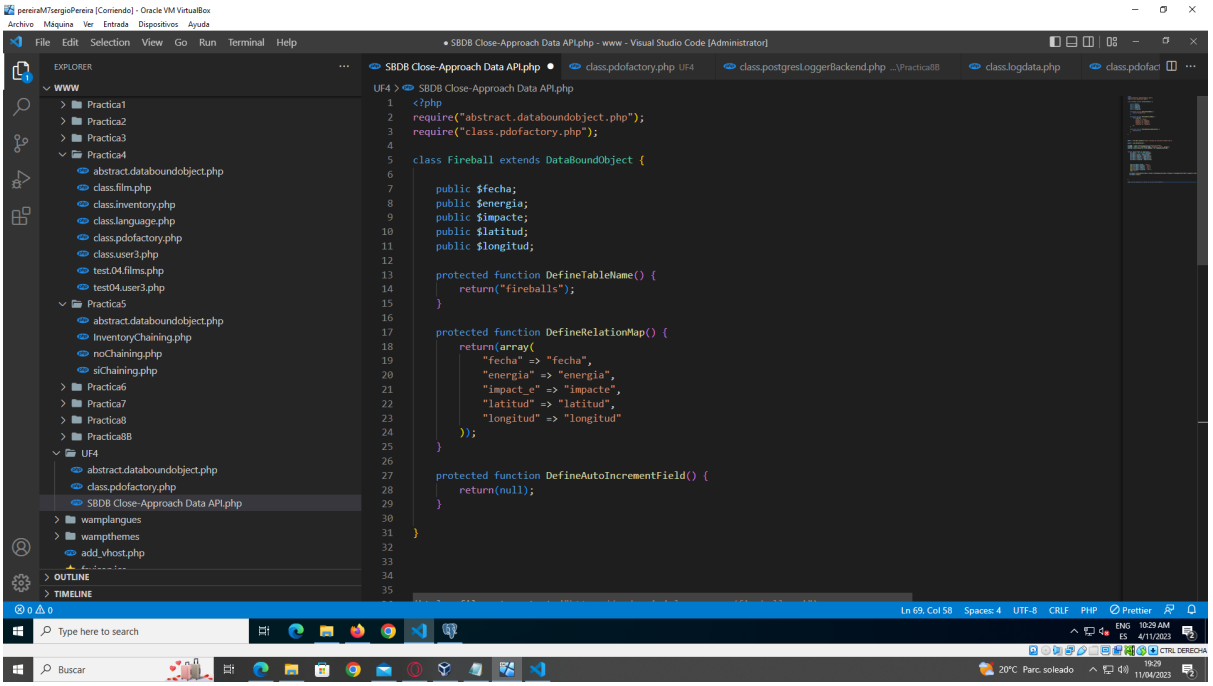
Responder Reenviar

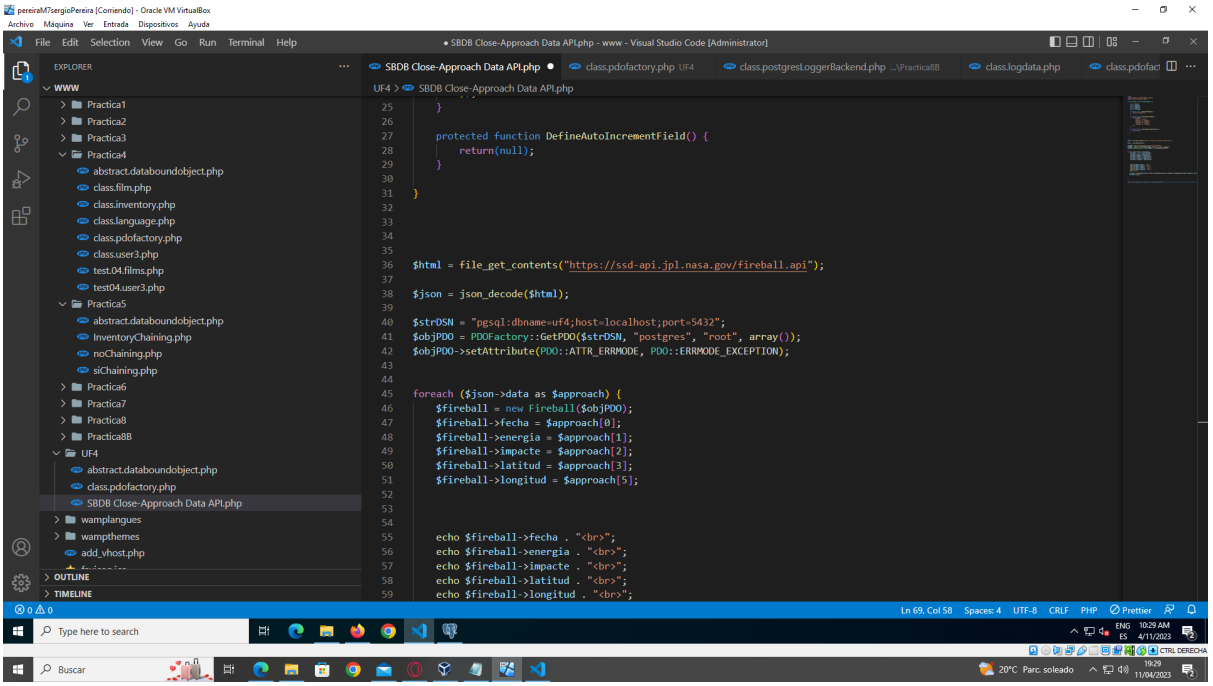
4.- Insereix programant en PHP la informació en una taula de base de dades. (nomApi.php)

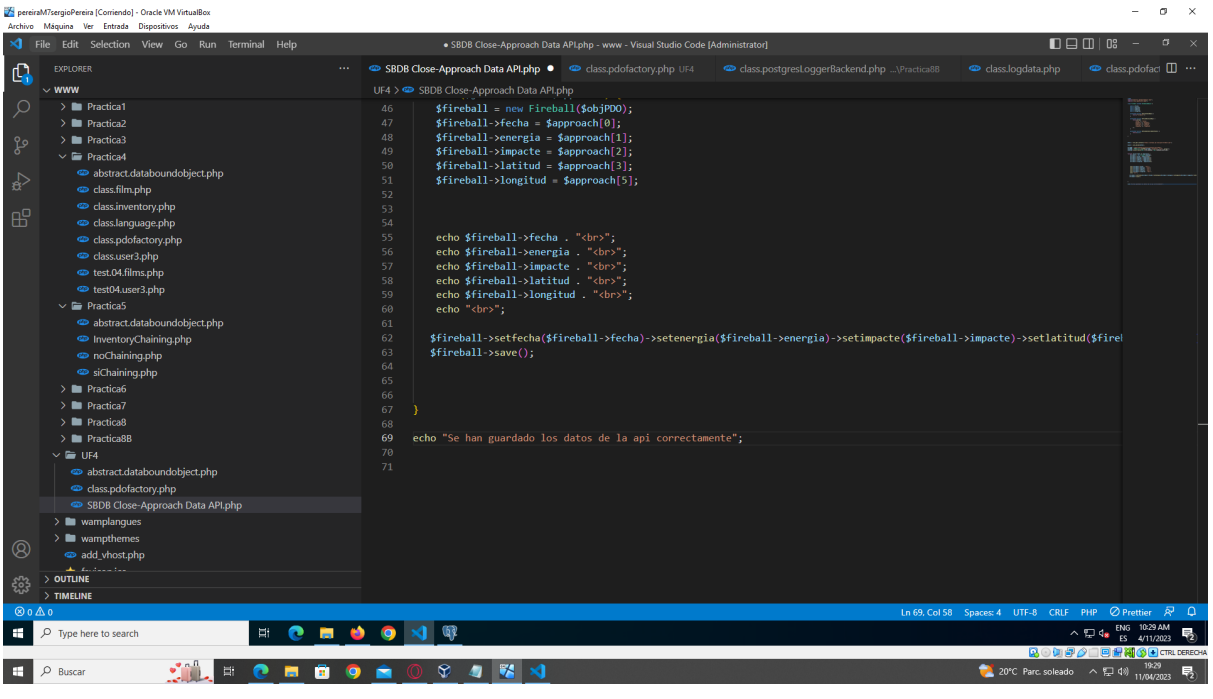
Creación de la base de datos



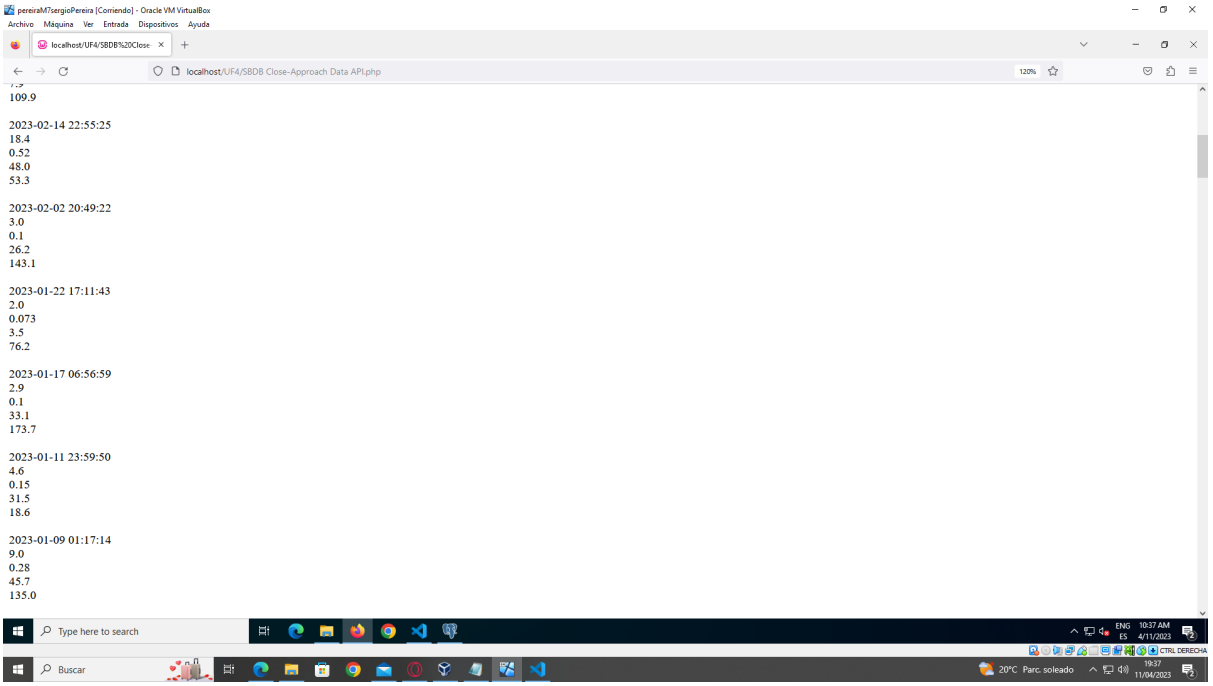
Codigo

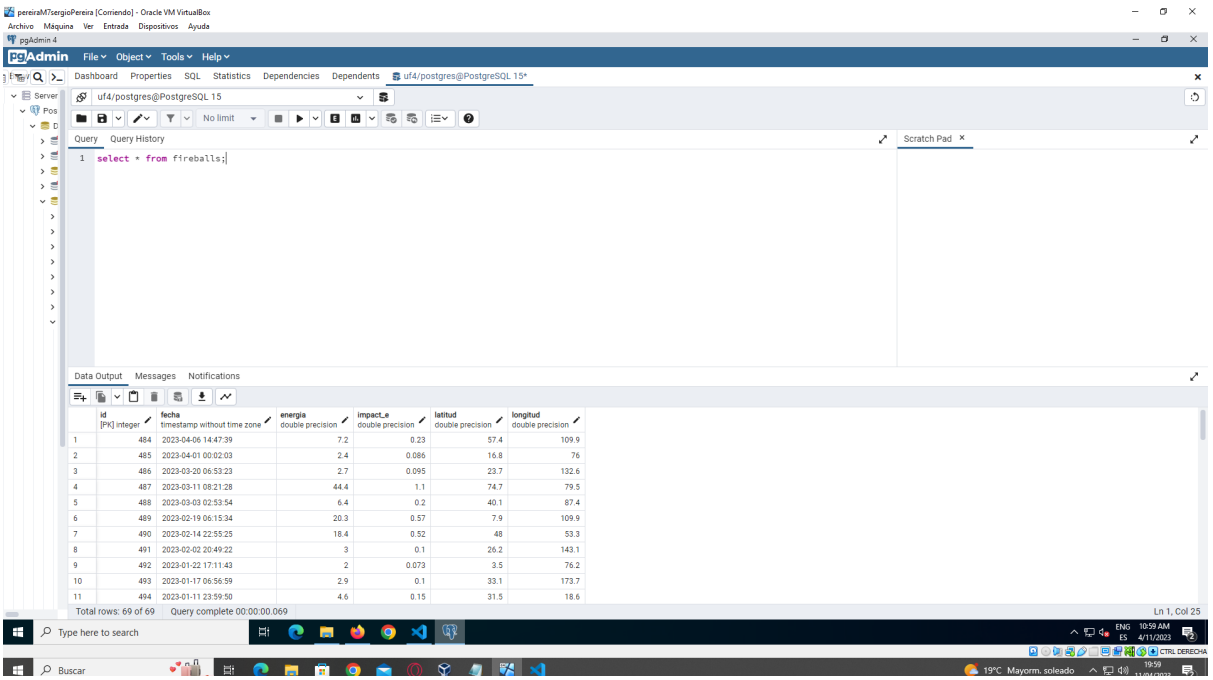




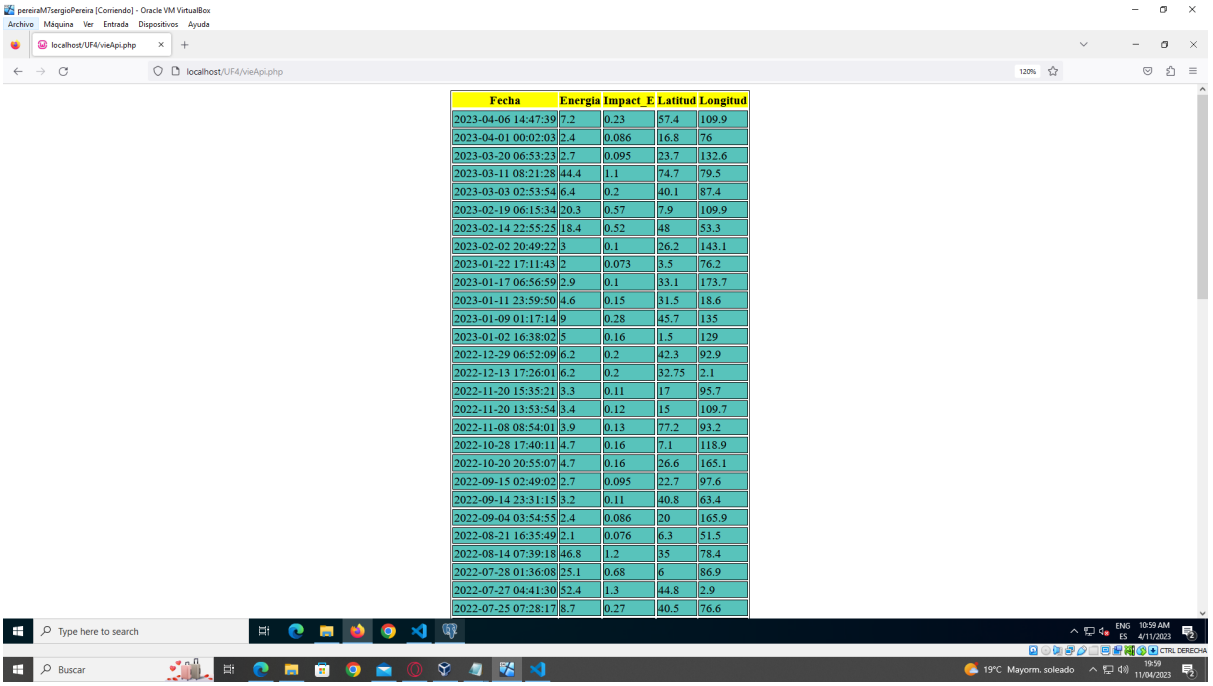


Ejecución del programa





- Mostra les dades de la taula (viewApi.php)


pereiraM7sergioPereira [Corriendo] - Oracle VM VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
localhost/UF4/vieApi.php
localhost/UF4/vieApi.php
120%
Fecha Energia Impact_E Latitud Longitud
2023-04-06 14:47:39 7.2 0.23 57.4 109.9
2023-04-01 00:02:03 2.4 0.086 16.8 76
2023-03-20 06:53:23 2.7 0.095 23.7 132.6
2023-03-11 08:21:28 44.4 1.1 74.7 79.5
2023-03-03 02:53:54 6.4 0.2 40.1 87.4
2023-02-19 06:15:34 20.3 0.57 7.9 109.9
2023-02-14 22:55:25 18.4 0.52 48 53.3
2023-02-02 20:49:22 3 0.1 26.2 143.1
2023-01-22 17:11:43 2 0.073 3.5 76.2
2023-01-17 06:56:59 2.9 0.1 33.1 173.7
2023-01-11 23:59:50 4.6 0.15 31.5 18.6
2023-01-09 01:17:14 9 0.28 45.7 135
2023-01-02 16:38:02 5 0.16 1.5 129
2022-12-29 06:52:09 6.2 0.2 42.3 92.9
2022-12-13 17:26:01 6.2 0.2 32.75 2.1
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2022-11-20 13:53:54 3.4 0.12 15 109.7
2022-11-08 08:54:01 3.9 0.13 77.2 93.2
2022-10-28 17:40:11 4.7 0.16 7.1 118.9
2022-10-20 20:55:07 4.7 0.16 26.6 165.1
2022-09-15 02:49:02 2.7 0.095 22.7 97.6
2022-09-14 23:31:15 3.2 0.11 40.8 63.4
2022-09-04 03:54:55 2.4 0.086 20 165.9
2022-08-21 16:35:49 2.1 0.076 6.3 51.5
2022-08-14 07:39:18 46.8 1.2 35 78.4
2022-07-28 01:36:08 25.1 0.68 6 86.9
2022-07-27 04:41:30 52.4 1.3 44.8 2.9
2022-07-25 07:28:17 8.7 0.27 40.5 76.6
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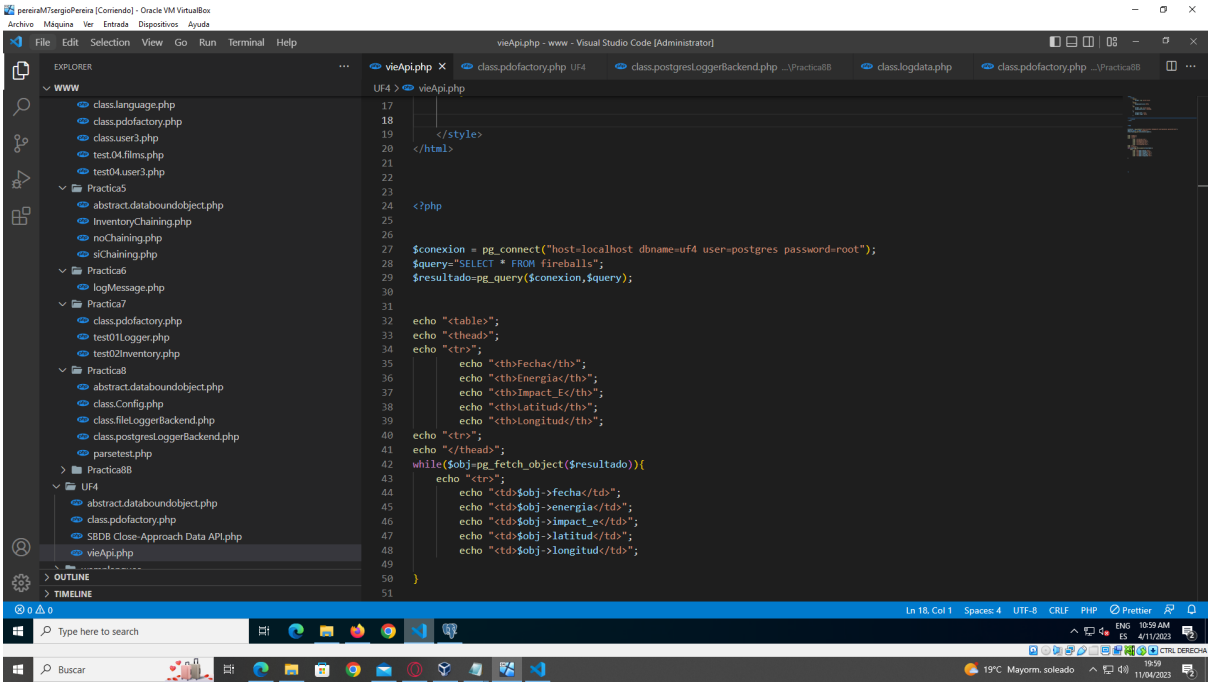
pereiraM7sergioPereira [Corriendo] - Oracle VM VirtualBox
File Edit Selection View Go Run Terminal Help
vieApi.php - www - Visual Studio Code [Administrator]
EXPLORER
WWW
class.language.php
class.pdofactory.php
class.user3.php
test.04.films.php
test04.user3.php
Practica5
abstract.databoundobject.php
InventoryChaining.php
noChaining.php
siChaining.php
Practica6
logMessage.php
Practica7
class.pdofactory.php
test01Logger.php
test02Inventory.php
Practica8
abstract.databoundobject.php
class.Config.php
class.fileLoggerBackend.php
class.postgresLoggerBackend.php
parsetest.php
Practica8B
UF4
abstract.databoundobject.php
class.pdofactory.php
SBDB Close-Approach Data API.php
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OUTLINE
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vieApi.php
class.pdofactory.php UF4
class.postgresLoggerBackend.php ...\Practica8B
class.logdata.php
class.pdofactory.php ...\Practica8B
UF4 > vieApi.php
17
18
19 </style>
20 </html>
21
22
23
24 <?php
25
26
27 $conexion = pg_connect("host=localhost dbname=uf4 user=postgres password=root");
28 $query="SELECT * FROM fireballs";
29 $resultado=pg_query($conexion,$query);
30
31
32 echo "<table>";
33 echo "<thead>";
34 echo "<tr>";
35 echo "<th>Fecha</th>";
36 echo "<th>Energia</th>";
37 echo "<th>Impact_E</th>";
38 echo "<th>Latitud</th>";
39 echo "<th>Longitud</th>";
40 echo "<tr>";
41 echo "</thead>";
42 while($obj=pg_fetch_object($resultado)){
43 echo "<tr>";
44 echo "<td>$obj->fecha</td>";
45 echo "<td>$obj->energia</td>";
46 echo "<td>$obj->impact_e</td>";
47 echo "<td>$obj->latitud</td>";
48 echo "<td>$obj->longitud</td>";
49
50 }
51
Ln 18, Col 1 Spaces: 4 UTF-8 CRLF PHP Prettier
Type here to search
Buscar
19°C Mayorm. soleado
ENG ES 10:59 AM 4/11/2023
CTRL DERECHA