

# API REST

Alexis Leonardo Cazares Lobato

12/11/2025



A screenshot of Microsoft Visual Studio Code (VS Code) running on a Windows operating system. The window title is "imagenes aleatoriaspy". The code editor displays a Python script named "imagenes aleatoriaspy.py". The script uses the "requests" library to make a GET request to the Unsplash API, specifying a search query and an access key. It then prints the URLs of the small images returned. The status bar at the bottom shows the file has 8 lines, 16 columns, and is in UTF-8 encoding. The system tray indicates the date and time as 12/11/2025 09:41 p.m.

```
C:\>Users>leolo>OneDrive>Desktop>Códigos python>imagenes aleatoriaspy.py ...  
1 # alexis leonardo cazares lobato  
2 # Lird402  
3 # API REST  
4  
5 import requests  
6  
7 ACCESS_KEY = "PuEK8c2qA2h-rebHQoW7h7e5i0kdcAdm_7GmjoHES"  
8 palabra = "DOGS"  
9  
10 # URL correcta con f-string  
11 url = f"https://api.unsplash.com/search/photos?query=[palabra]&client_id=[ACCESS_KEY]"  
12  
13 # Hacer la solicitud GET  
14 response = requests.get(url)  
15  
16 # Convertir la respuesta a formato JSON  
17 data = response.json()  
18  
19 # Recorrer los resultados y mostrar los enlaces de las imágenes  
20 for img in data["results"]:  
21     print(img["urls"]["small"])  
22
```

A screenshot of Microsoft Visual Studio Code (VS Code) running on a Windows operating system. The window title is "imagenes aleatoriaspy". The code editor displays the same Python script as the previous screenshot. Below the editor, a terminal window is open, showing the URLs of the images being printed. The status bar at the bottom shows the file has 8 lines, 16 columns, and is in UTF-8 encoding. The system tray indicates the date and time as 12/11/2025 09:42 p.m.

```
C:\>Users>leolo>OneDrive>Desktop>Códigos python>imagenes aleatoriaspy.py ...  
1 # alexis leonardo cazares lobato  
2 # Lird402  
3 # API REST  
4  
5 import requests  
6  
7 ACCESS_KEY = "PuEK8c2qA2h-rebHQoW7h7e5i0kdcAdm_7GmjoHES"  
8 palabra = "DOGS"  
9  
10 # URL correcta con f-string  
11 url = f"https://api.unsplash.com/search/photos?query=[palabra]&client_id=[ACCESS_KEY]"  
12  
13 # Hacer la solicitud GET  
14 response = requests.get(url)  
15  
16 # Convertir la respuesta a formato JSON  
17 data = response.json()  
18  
19 # Recorrer los resultados y mostrar los enlaces de las imágenes  
20 for img in data["results"]:  
21     print(img["urls"]["small"])  
22
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
https://images.unsplash.com/photo-1598133894008-61f7fdb8cc3a?crop=entropy&s=tinysrgb&fit=max&fm=jpg&ixid=M3w4MjY4MjF8MnwxfH8lYX3jaHw2fIxETodfGVufDB8fIx8fTC2MzAwNDQ5NDxvw&i&x1ib=rb-4  
.1.0&q=80&a=400  
https://images.unsplash.com/photo-1625316708582-7c38734be31d?crop=entropy&s=tinysrgb&fit=max&fm=jpg&ixid=M3w4MjY4MjF8MnwxfH8lYX3jaHw3fIxETodfGVufDB8fIx8fTC2MzAwNDQ5NDxvw&i&x1ib=rb-4  
.1.0&q=80&a=400  
https://images.unsplash.com/photo-144212477490-ca407925329e?crop=entropy&s=tinysrgb&fit=max&fm=jpg&ixid=M3w4MjY4MjF8MnwxfH8lYX3jaHw4fIxETodfGVufDB8fIx8fTC2MzAwNDQ5NDxvw&i&x1ib=rb-4  
.1.0&q=80&a=400  
https://images.unsplash.com/photo-1560743641-3914fc245636?crop=entropy&s=tinysrgb&fit=max&fm=jpg&ixid=M3w4MjY4MjF8MnwxfH8lYX3jaHw5fIxETodfGVufDB8fIx8fTC2MzAwNDQ5NDxvw&i&x1ib=rb-4.1.  
.0&q=80&a=400  
https://images.unsplash.com/photo-1518717758536-85ae29035b6d?crop=entropy&s=tinysrgb&fit=max&fm=jpg&ixid=M3w4MjY4MjF8MnwxfH8lYX3jaHw6fIx8fDE3Nj%wDQ00tV8MA&i&x1ib=rb-4  
.1.0&q=80&a=400  
PS C:\Users\leolo\AppData\Local\Programs\Microsoft VS Code>
```



