

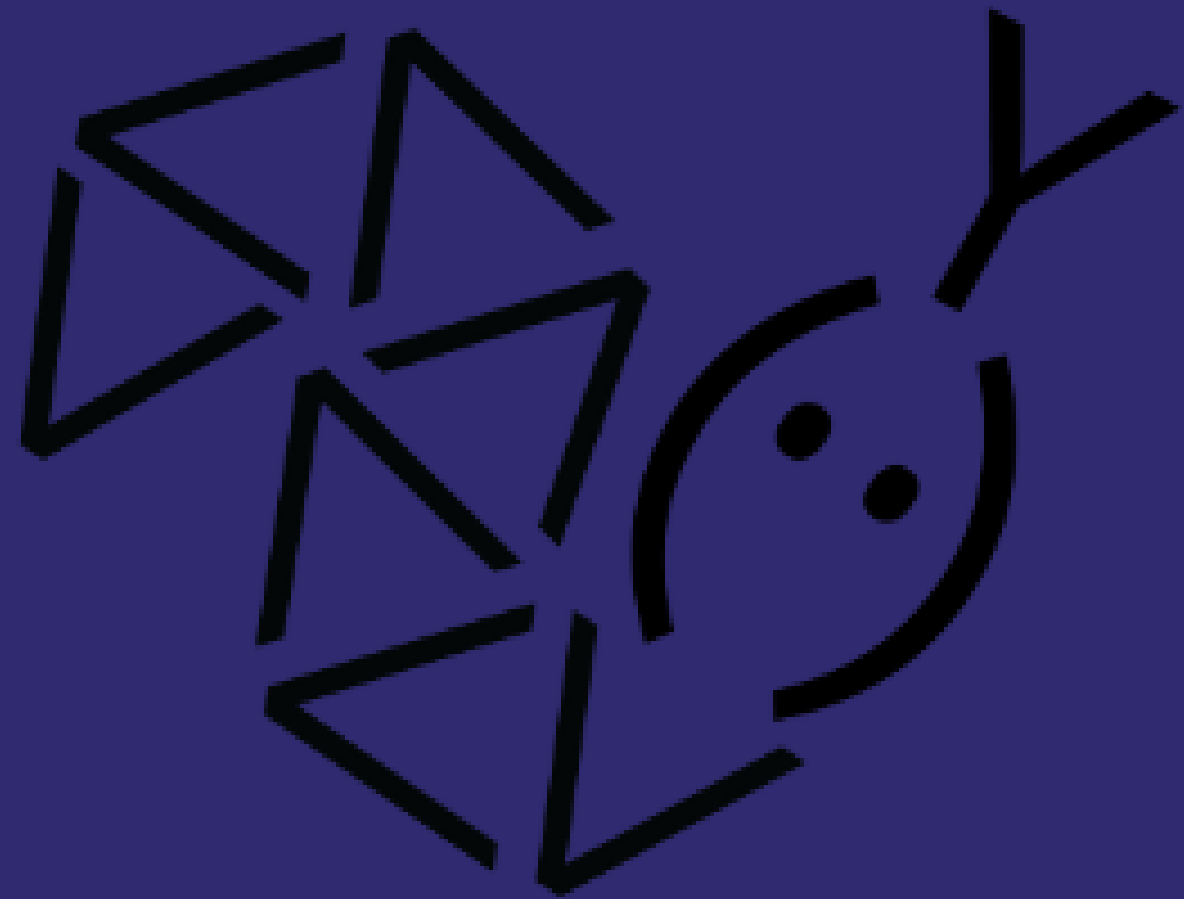
pythonanywhere

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Linea de Profundización III



Agenda



01

Definición y características de
pythonanywhere

02

Interfaz y registro

03

Ejemplo de aplicación



¿Que es?

Es una empresa de *hosting* para aplicaciones web escritas en Python. Al crear un usuario, conseguimos de forma gratuita una especie de máquina virtual Linux con varios intérpretes de Python instalados, múltiples módulos y paquetes de terceros (entre ellos, Django)

Definición y características de pythonanywhere

¿Que es y como Funciona?.



Características



- Entornos virtuales: Permite crear y administrar múltiples entornos virtuales aislados.
- Soporte para diferentes framework: Soporta una amplia gama de frameworks web populares como Django, Flask, Pyramid y web2py.

Características



- Consolas interactivas: Permite trabajar en tu código de forma remota.
- Editores de código integrados: PythonAnywhere ofrece editores de código integrados con resaltado de sintaxis, autocompletado y otras funciones útiles para el desarrollo.

Cómo funciona

Paso a Paso de como poder ingresar a este entorno

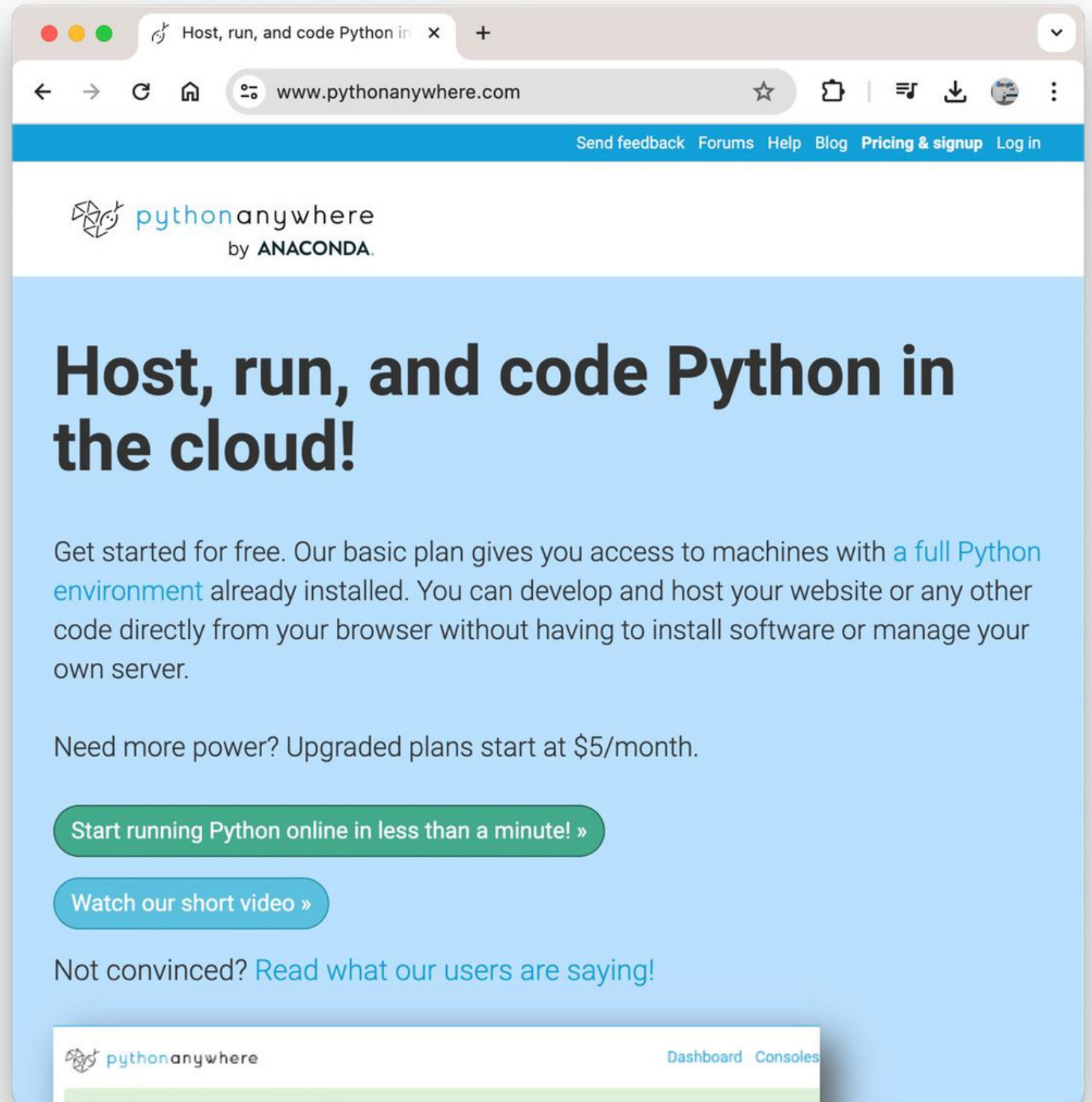




Paso 1

Dirigirnos a

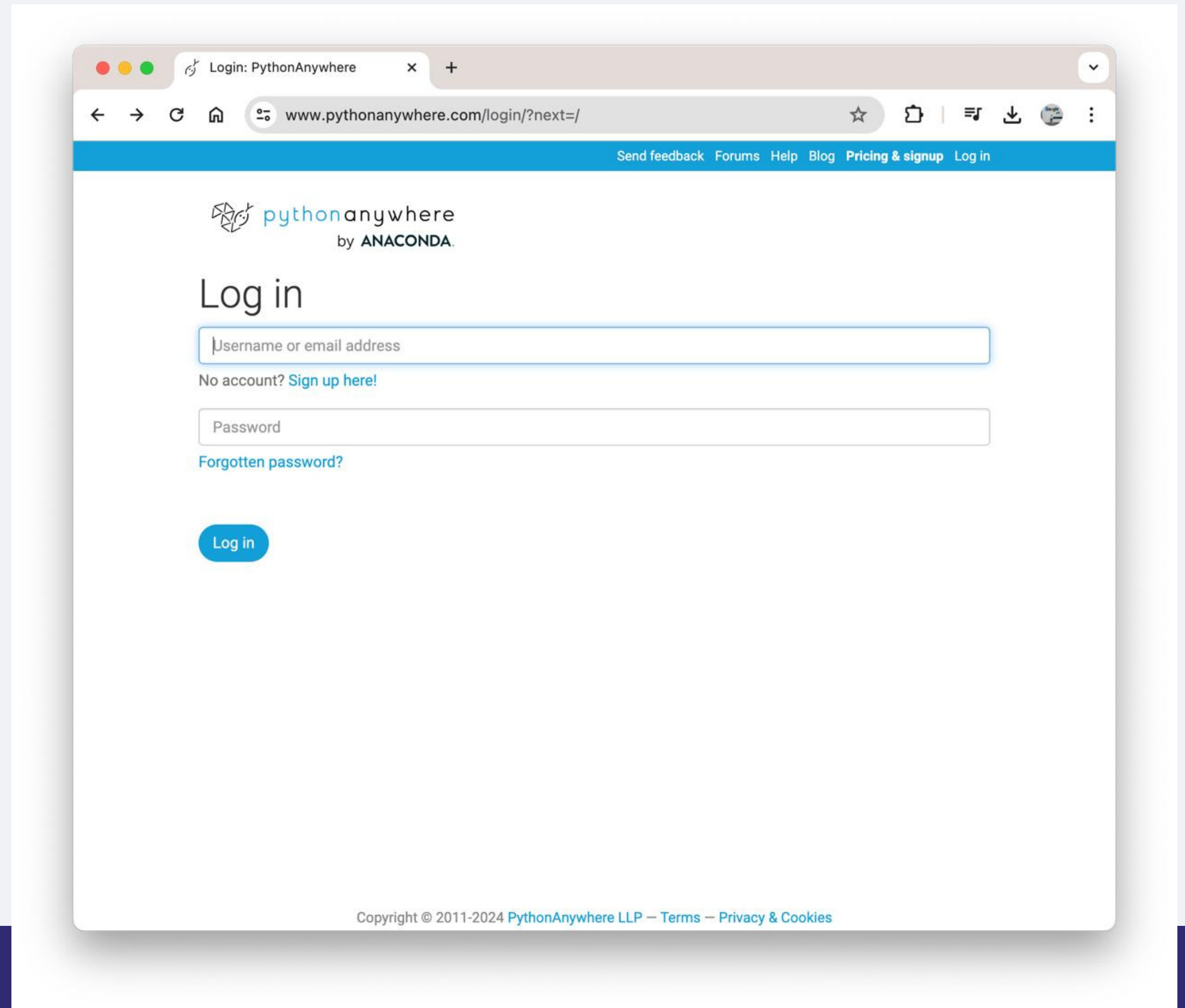
<https://www.pythonanywhere.com/>





Paso 2

Vamos a registrarnos aqui
<https://www.pythonanywhere.com/login/?next=/>



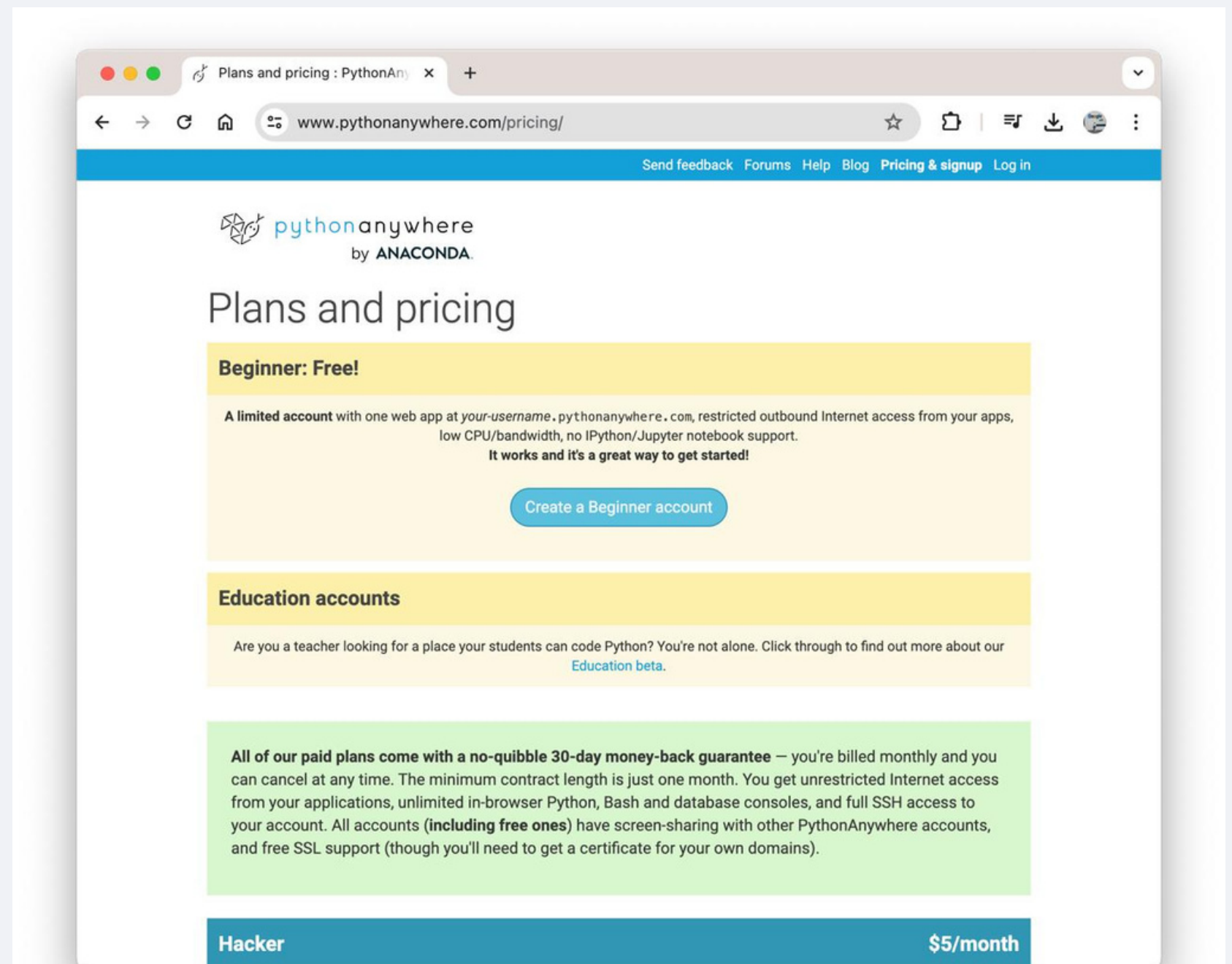
Paso 3

Damos clic en “Sign up here!”

No account? [Sign up here!](#)

Paso 4

Una vez dado clic, nos aparece esta nueva ventana
<https://www.pythonanywhere.com/pricing/>



Paso 5

Damos clic en “Create a Beginner account” el botón azul nos lleva a una cuenta principiante

En pythonanywhere existen multiples subscripciones:

Hacker (\$5 USD/Month)

Web dev (\$12 USD/Month)

Startup (\$99 USD/Month)

Custom (\$5 o \$500 USD/Month)

Plans and pricing

Beginner: Free!

A **limited account** with one web app at `your-username.pythonanywhere.com`, restricted outbound Internet access from your apps, low CPU/bandwidth, no IPython/Jupyter notebook support.

It works and it's a great way to get started!

Create a Beginner account

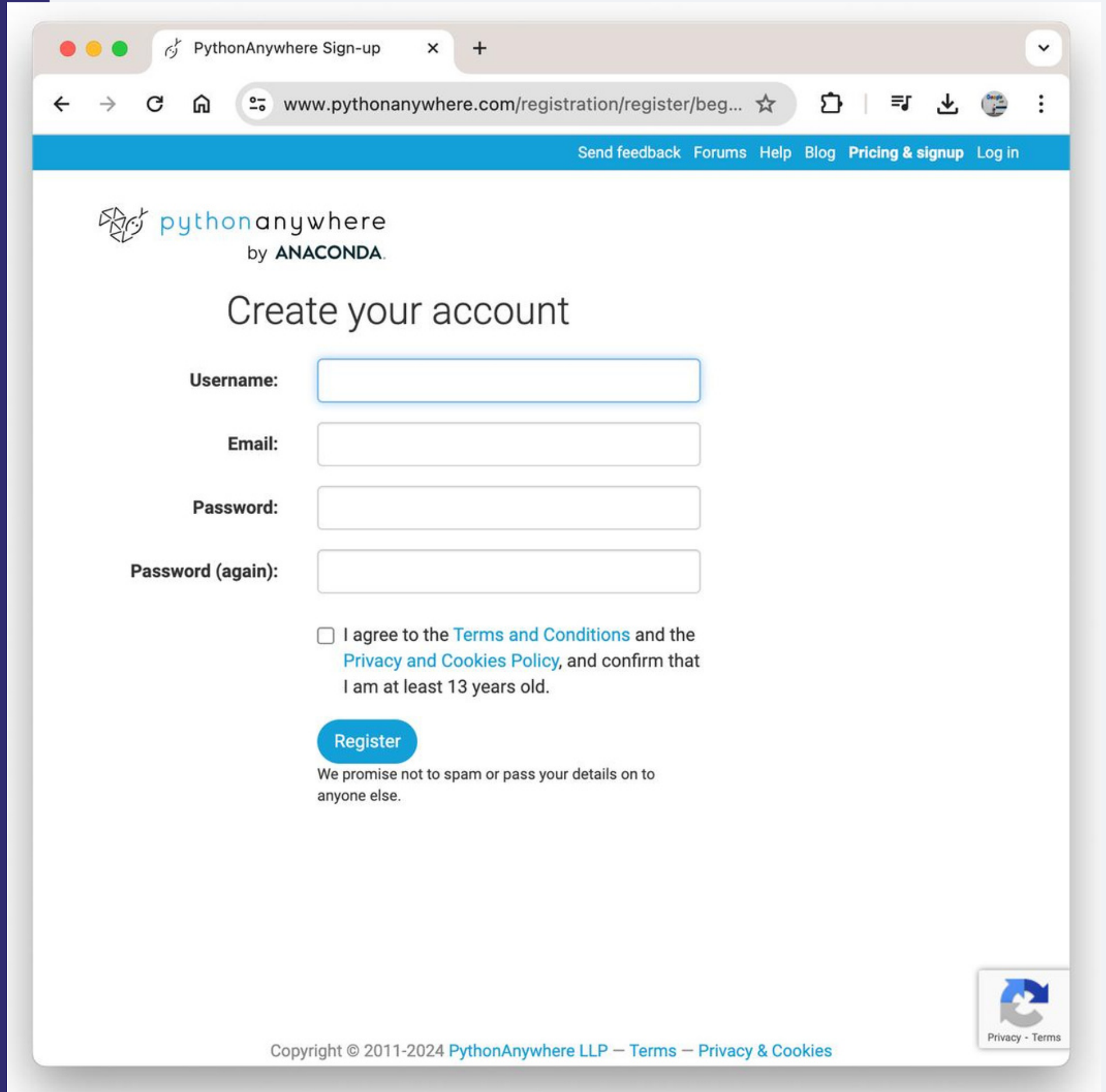
Education accounts

Are you a teacher looking for a place your students can code Python? You're not alone. Click through to find out more about our [Education beta](#).

Paso 6

Al dar clic vemos

<https://www.pythonanywhere.com/registration/register/beginner/>



The screenshot shows a web browser window with the URL www.pythonanywhere.com/registration/register/beginner/. The page features the PythonAnywhere logo (a stylized 'P' with a snake) and the text "pythonanywhere by ANACONDA". The main heading is "Create your account". Below this, there are four input fields: "Username:", "Email:", "Password:", and "Password (again):". A checkbox is present with the text "I agree to the [Terms and Conditions](#) and the [Privacy and Cookies Policy](#), and confirm that I am at least 13 years old." Below the checkbox is a blue "Register" button. At the bottom of the form, there is a small text line: "We promise not to spam or pass your details on to anyone else." The footer of the page includes the copyright notice "Copyright © 2011-2024 PythonAnywhere LLP" and links to "Terms" and "Privacy & Cookies". A small icon in the bottom right corner represents the "Privacy - Terms" policy.

PythonAnywhere Sign-up

[Send feedback](#) [Forums](#) [Help](#) [Blog](#) [Pricing & signup](#) [Log in](#)

pythonanywhere
by ANACONDA.

Create your account

Username:

Email:

Password:

Password (again):

☐ I agree to the [Terms and Conditions](#) and the [Privacy and Cookies Policy](#), and confirm that I am at least 13 years old.

[Register](#)

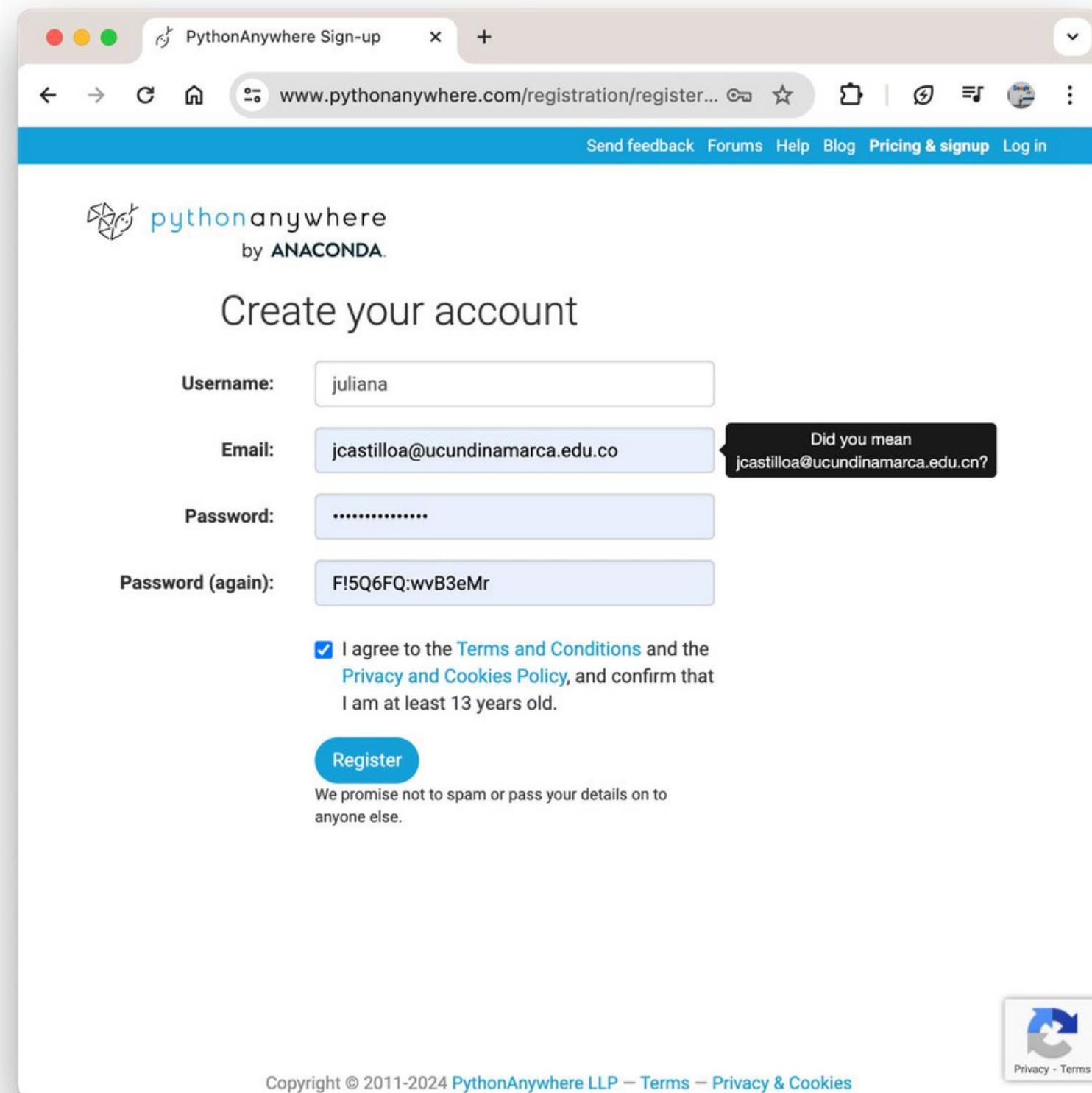
We promise not to spam or pass your details on to anyone else.

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[Privacy - Terms](#)

Paso 7

Se registran los datos: Name, Email, Password y Password (again). Y damos clic en el botón azul “Register”



The screenshot shows the PythonAnywhere registration page in a web browser. The browser's address bar displays the URL `www.pythonanywhere.com/registration/register...`. The page header includes links for [Send feedback](#), [Forums](#), [Help](#), [Blog](#), [Pricing & signup](#), and [Log in](#). The PythonAnywhere logo, featuring a stylized 'P' and the text 'pythonanywhere by ANACONDA', is at the top left. The main heading is 'Create your account'. The registration form contains the following fields and elements:

- Username:** A text input field containing the name 'juliana'.
- Email:** A text input field containing 'jcastilloa@ucundinamarca.edu.co'. A dark tooltip bubble next to it suggests a correction: 'Did you mean jcastilloa@ucundinamarca.edu.cn?'.
- Password:** A text input field filled with dots to mask the password.
- Password (again):** A text input field containing the password 'F!5Q6FQ:vvB3eMr'.
- Agreement:** A checked checkbox followed by the text: 'I agree to the [Terms and Conditions](#) and the [Privacy and Cookies Policy](#), and confirm that I am at least 13 years old.'
- Register Button:** A blue button with the text 'Register'.
- Disclaimer:** Below the button, it says 'We promise not to spam or pass your details on to anyone else.'

At the bottom of the page, there is a copyright notice: 'Copyright © 2011-2024 PythonAnywhere LLP — [Terms](#) — [Privacy & Cookies](#)'. A small 'Privacy - Terms' icon is also visible in the bottom right corner.



!Dato Curioso!

el usuario no puede coincidir con otro
previamente registrado

Create your account

Username:

juliana

This username is already taken. Please choose
another.



Paso 8

Iniciar sesión en pythonanywhere
en dashboard



Dashboard : julianacastilloara x +

← → ↻ 🏠 🔍 www.pythonanywhere.com/user/julianacastilloa... ⌂ ☆ 🛒 ⚡ 🎵 🌐 ⋮

Send feedback Forums Help Blog Account Log out

pythonanywhere by ANACONDA. Dashboard Consoles Files Web Tasks Databases

Warning You have not confirmed your email address yet. This means that you will not be able to reset your password if you lose it. If you cannot find your confirmation email anymore, send yourself a new one [here](#).

Dashboard

Welcome, [julianacastilloaraujo](#)

CPU Usage: 0% used – 0.00s of 100s
File storage: 0% full – 60.0 KB of 100.0 KB

Recent Consoles + 5 -

You have no recent consoles.

New console:

\$ Bash >>> Python ▾ More...

Files + 5 -

You have no recently edited files.

+ Open another file Browse files

Recent Notebooks + 5 -

Your account does not support Jupyter

Welcome to PythonAnywhere!

This tour will give you a quick overview of how the site works. It only lasts 7 steps. Promise!

« Prev Next » End tour

Upgrade Account



Paso 9

Daremos clic en
“Next”



Welcome to PythonAnywhere!

This tour will give you a quick overview of how the site works. It only lasts 7 steps. Promise!

« Prev

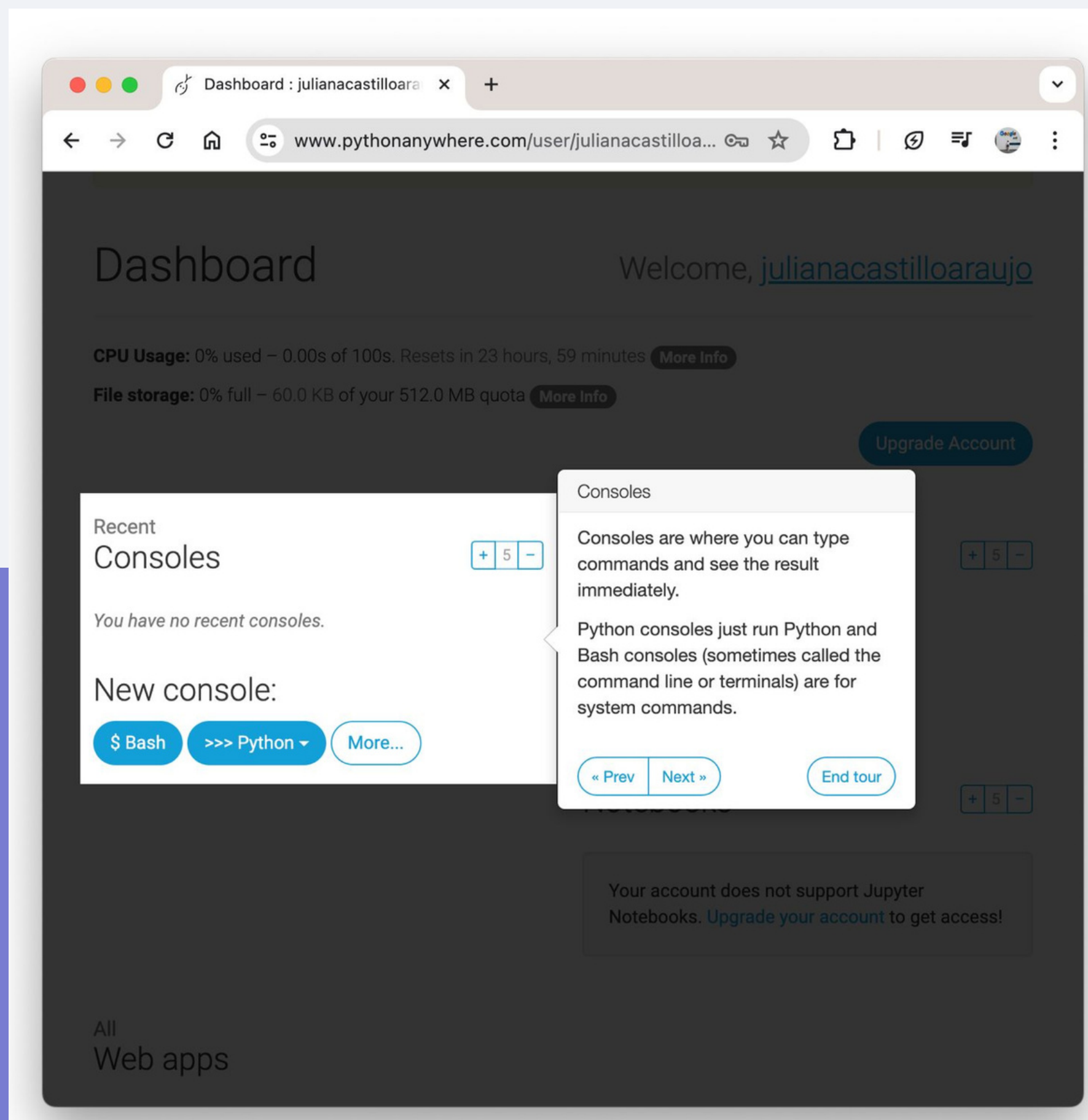
Next »

End tour



Paso 10

Una vez dado clic nos aparece este paso
a paso





Consoles

Consoles are where you can type commands and see the result immediately.

Python consoles just run Python and Bash consoles (sometimes called the command line or terminals) are for system commands.

[<< Prev](#)[Next >>](#)[End tour](#)

Paso 11

Daremos clic en end tour

Paso 12

Y podemos observar que oficialmente tenemos a nuestro disposición toda la plataforma de pythonanywhere

A screenshot of a web browser showing the PythonAnywhere dashboard for user 'julianacastilloaraujo'. The browser's address bar shows 'www.pythonanywhere.com/user/julianacastilloara...'. The dashboard has a white background with a light blue header. The header includes the title 'Dashboard' and a welcome message 'Welcome, [julianacastilloaraujo](#)'. Below the header, there are two status bars: 'CPU Usage: 0% used - 0.00s of 100s. Resets in 23 hours, 59 minutes' and 'File storage: 0% full - 60.0 KB of your 512.0 MB quota', both with 'More Info' links. A blue 'Upgrade Account' button is in the top right. The main content area is divided into two columns. The left column has a 'Recent Consoles' section with a '+ 5 -' button and the text 'You have no recent consoles.', followed by a 'New console:' section with buttons for '\$ Bash', '>>> Python', and 'More...'. The right column has a 'Recent Files' section with a '+ 5 -' button and the text 'You have no recently edited files.', followed by '+ Open another file' and 'Browse files' buttons. Below that is a 'Recent Notebooks' section with a '+ 5 -' button and a grey box stating 'Your account does not support Jupyter Notebooks. Upgrade your account to get access!'. At the bottom left, there is a section for 'All Web apps'.

EJEMPLO

Ejemplo de aplicación y paso a paso.



...

GRACIAS
POR TU
ATENCIÓN

