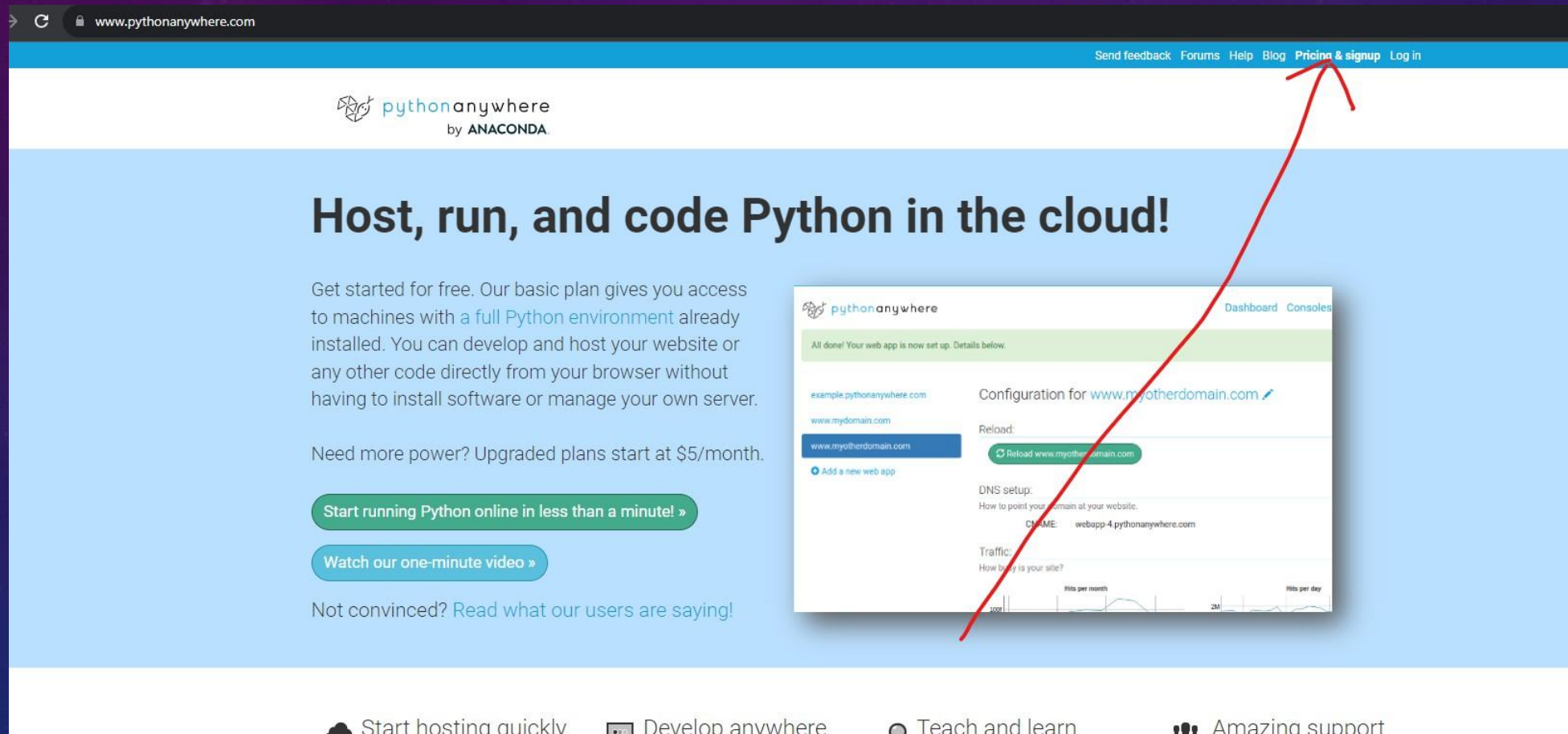


# HOW TO DEPLOY ML PROJECT ON PYTHONANYWHERE.COM USING DJANGO FRAMEWORK



# GO TO PYTHONANYWHERE.COM FROM ANY BROWSER AND CLICK ON SIGNUP




The screenshot shows the PythonAnywhere website. The browser address bar displays `www.pythonanywhere.com`. The top navigation bar includes links for [Send feedback](#), [Forums](#), [Help](#), [Blog](#), [Pricing & signup](#), and [Log in](#). A red arrow points from the [Pricing & signup](#) link to the main content area. The main content area features the PythonAnywhere logo (by ANACONDA) and the headline "Host, run, and code Python in the cloud!". Below the headline, there is a paragraph about getting started for free, followed by a button "Start running Python online in less than a minute! »" and a button "Watch our one-minute video »". A footer section contains four icons and text: "Start hosting quickly", "Develop anywhere", "Teach and learn", and "Amazing support". An inset image shows a screenshot of the PythonAnywhere dashboard, which includes a "Configuration for www.myotherdomain.com" section with a "Reload" button and a "DNS setup" section.

# CREATE A BEGINNER ACCOUNT

www.pythonanywhere.com/pricing/

Send feedback Forums Help Blog Pricing & signup Log in

 pythonanywhere  
by ANACONDA

## 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**

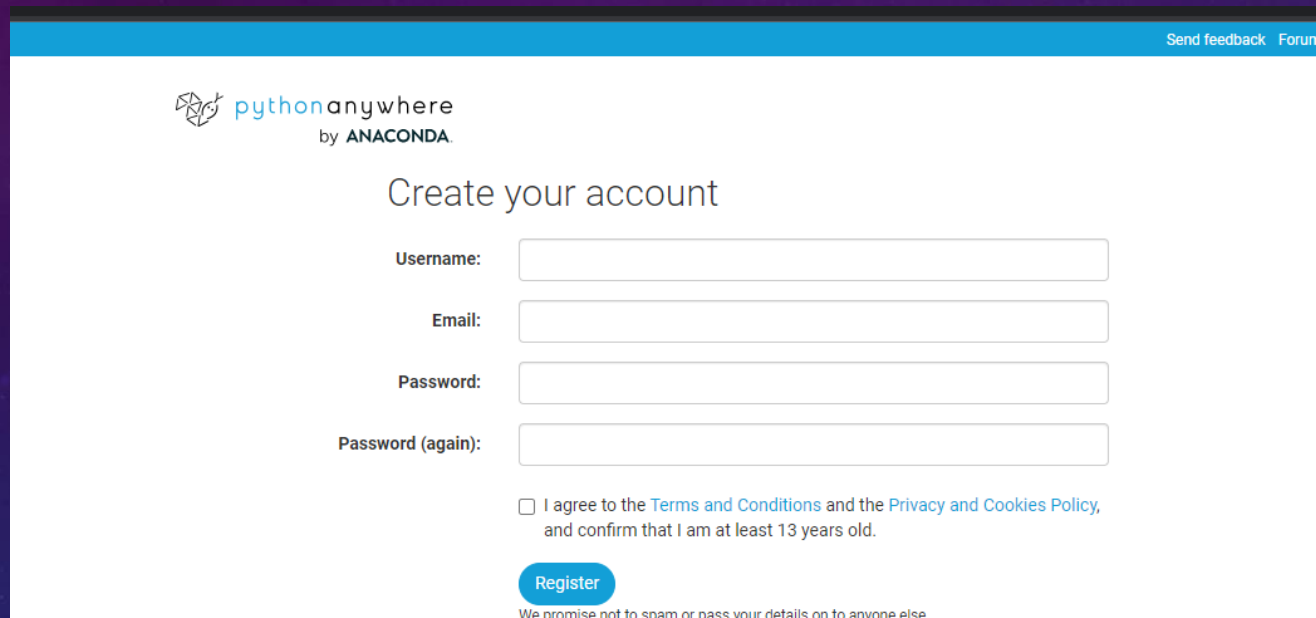
Are you a teacher looking for a place your students can code Python? You're not alone. Click through to find out more about our [Education beta](#).

All of our paid plans come with a **no-quibble 30-day money-back guarantee** – you're billed monthly and you can cancel at any time. The minimum contract length is just one month. You get unrestricted Internet access from your applications, unlimited in-browser Python, Bash and database consoles, and full SSH access to your account. All accounts (including free ones) have screen-sharing with other PythonAnywhere accounts, and free SSL support (though you'll need to get a certificate for your own domains).

Hacker	\$5/month	Web dev	\$12/month	Startup	\$99/month	Custom	\$5 to \$500/month
Run your Python code in the cloud from one web app and the console		If you want to host small Python-based websites for you or for your clients		Start a business and don't worry about having to scale to handle traffic spikes		Want a combination that's not on the list? Create your own! All custom plans have:	
A Python IDE in your browser with unlimited Python/bash consoles		A Python IDE in your browser with unlimited Python/bash consoles		A Python IDE in your browser with unlimited Python/bash consoles		A Python IDE in your browser with unlimited Python/bash consoles	


# ENTER UNIQUE USERNAME AND OTHER DETAILS

## NOTE DOWN YOUR PASSWORD IN SAFE PLACE .



The screenshot shows the registration page for PythonAnywhere, a service by ANACONDA. The page has a blue header with links for "Send feedback" and "Forums". The main content area is white and features the PythonAnywhere logo. The registration form is titled "Create your account" and includes four input fields: "Username:", "Email:", "Password:", and "Password (again):". Below the fields is a checkbox for agreeing to the terms and conditions, and a blue "Register" button. A footer note states, "We promise not to spam or pass your details on to anyone else."

Send feedback Forums

 pythonanywhere  
by ANACONDA.

### Create your account

Username:

Email:

Password:

Password (again):

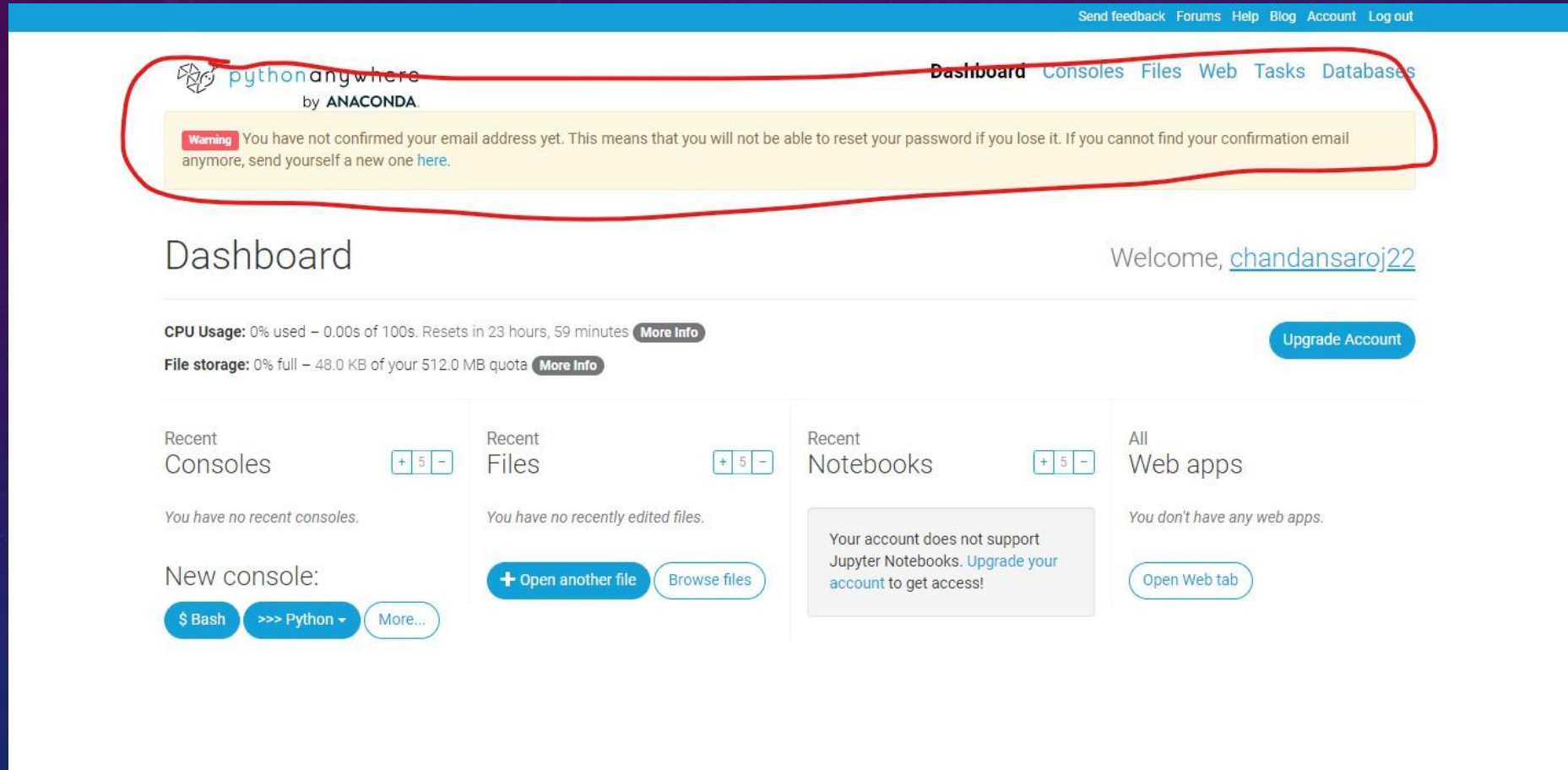
☐ I agree to the [Terms and Conditions](#) and the [Privacy and Cookies Policy](#), and confirm that I am at least 13 years old.

[Register](#)

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



# CHECK YOUR E-MAIL INBOX CLICK THE LINK TO CONFIRM YOUR ACCOUNT AND CONFIRM YOUR PYTHONANYWHERE ACCOUNT



The screenshot shows the PythonAnywhere dashboard. A red circle highlights a yellow warning box at the top. The warning text reads: "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](#)." The dashboard header includes the PythonAnywhere logo, navigation links (Dashboard, Consoles, Files, Web, Tasks, Databases), and user links (Send feedback, Forums, Help, Blog, Account, Log out). The main content area shows system usage (CPU and File storage), a list of recent consoles, files, and notebooks, and a section for new consoles with buttons for Bash, Python, and More... A message indicates that the account does not support Jupyter Notebooks and suggests upgrading.

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, [chandansaroj22](#)

CPU Usage: 0% used – 0.00s of 100s. Resets in 23 hours, 59 minutes [More Info](#)

File storage: 0% full – 48.0 KB of your 512.0 MB quota [More Info](#) [Upgrade Account](#)

Recent Consoles [+](#) [5](#) [-](#)

You have no recent consoles.

New console:

[\\$ Bash](#) [>>> Python](#) [More...](#)

Recent Files [+](#) [5](#) [-](#)

You have no recently edited files.

[+ Open another file](#) [Browse files](#)

Recent Notebooks [+](#) [5](#) [-](#)

Your account does not support Jupyter Notebooks. [Upgrade your account](#) to get access!

All Web apps

You don't have any web apps.

[Open Web tab](#)

# THEN CLICK ON OPEN WEB TAB

Dashboard Welcome, [chandansaroj22](#)

**CPU Usage:** 0% used – 0.00s of 100s. Resets in 23 hours, 59 minutes [More Info](#)

**File storage:** 0% full – 48.0 KB of your 512.0 MB quota [More Info](#)

[Upgrade Account](#)

Recent Consoles + 5 -

You have no recent consoles.

New console:

[\\$ Bash](#) [>>> Python ▾](#) [More...](#)

Recent Files + 5 -

You have no recently edited files.

[+ Open another file](#) [Browse files](#)

Recent Notebooks + 5 -

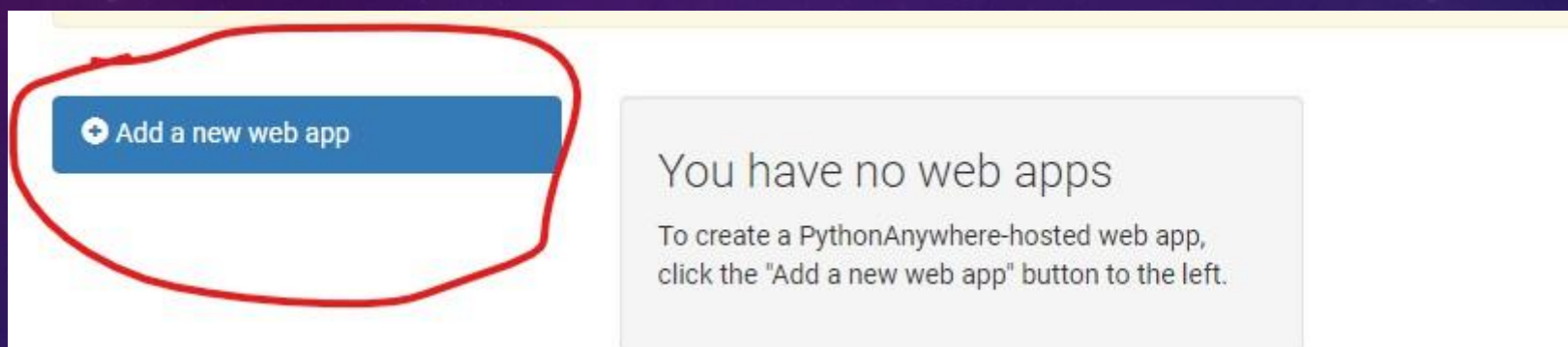
Your account does not support Jupyter Notebooks. [Upgrade your account](#) to get access!

All Web apps

You don't have any web apps.

[Open Web tab](#)

# THEN CLICK ON ADD A NEW WEB APP



# CLICK ON NEXT....

+

Add a new web app

Create new web app

×

Your web app's domain name

Your account doesn't support custom domain names, so your PythonAnywhere web app will live at `chandansaroj22.pythonanywhere.com`.

Want to change that? [Upgrade now!](#)

Otherwise, just click "Next" to continue.

Cancel

« Back

Next »



# CLICK ON DJANGO

+

 Add a new web app

Create new web app

Select a Python Web framework

...or select "Manual configuration" if you want detailed control.

» Django

» web2py

» Flask

» Bottle

» Manual configuration (including virtualenvs)

What other frameworks should we have here? Send us some feedback using the link at the top of the page!

Cancel

« Back

Next »

# CHOOSE APPROPRIATE VERSION (LATEST IS RECOMMENDED)

+

 Add a new web app

Create new web app

Select a Python version

» Python 3.7 (Django 3.2.13)

» Python 3.8 (Django 4.0.6)

» Python 3.9 (Django 4.0.6)

» Python 3.10 (Django 4.0.6)

**Note:** If you'd like to use a different version of Django to the default version, you can use a virtualenv for your web app. There are [instructions here](#).

Cancel

« Back

Next »

# ENTER YOUR CUSTOM PROJECT NAME....


+

 Add a new web app

Create new web app

Quickstart new Django project

This will create a brand new Django app. If you already have an app you want to use, use the Manual config section instead



Project Name

mysite

Directory

/home/chandansaroj22

/ mysite

Cancel

« Back

Next »

CLICK ON NEXT....

pythonanywhere  
by ANACONDA

Dashboard Consoles Files Web Tasks Databases

+ Add a new web app

Create new web app

### Quickstart new Django project


This will create a brand new Django app. If you already have an app you want to use, use the Manual config section instead

**Project Name**

**Directory**

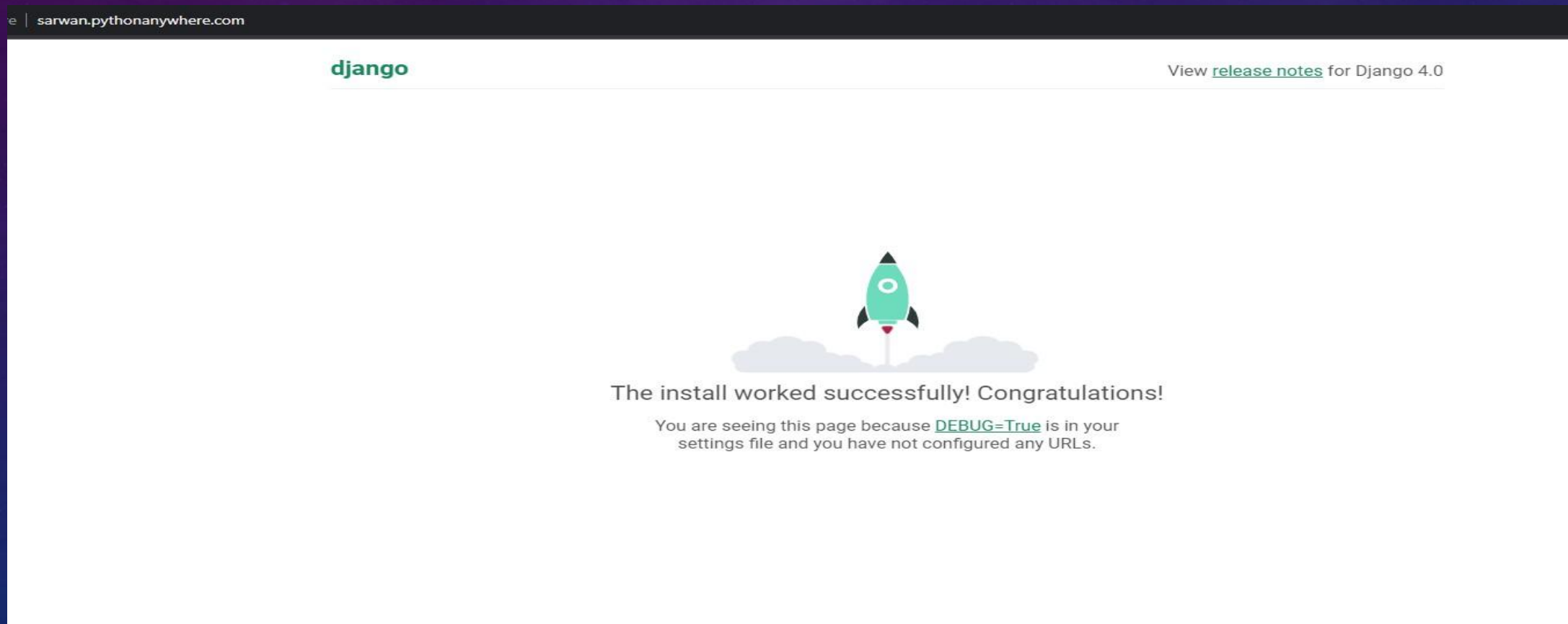
/ chandan

Cancel

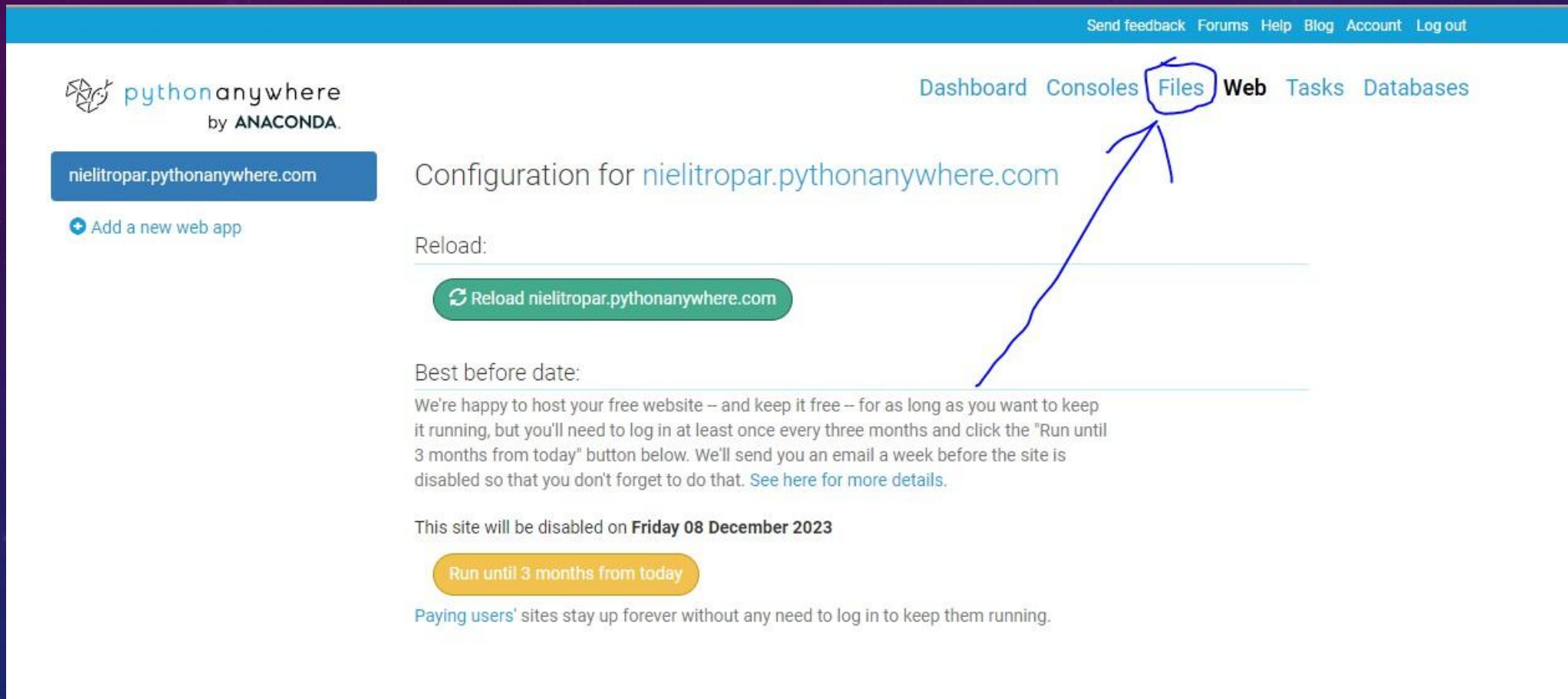
 « Back Next »



OPEN YOUR USERNAME.PYTHONANYWHERE.COM  
IN ANY BROWSER  
IF THIS FLYING ROCKET APPEARS DJANGO IS  
SUCCESSFULLY CONFIGURED



# CLICK ON FILES TO ACCESS FILE MANAGER



The screenshot shows the PythonAnywhere web interface. At the top, a blue navigation bar contains links: Send feedback, Forums, Help, Blog, Account, and Log out. Below this, a secondary navigation bar lists: Dashboard, Consoles, Files, Web, Tasks, and Databases. The 'Files' tab is highlighted with a blue box and a hand-drawn arrow points to it from the 'Best before date' section. On the left sidebar, the PythonAnywhere logo is above the text 'pythonanywhere by ANACONDA.' Below this is a blue button with the text 'nielitropar.pythonanywhere.com' and a link '+ Add a new web app'. The main content area is titled 'Configuration for nielitropar.pythonanywhere.com'. It includes a 'Reload:' section with a green button 'Reload nielitropar.pythonanywhere.com'. Below that is a 'Best before date:' section with a warning message and a yellow button 'Run until 3 months from today'. At the bottom, it states 'This site will be disabled on Friday 08 December 2023' and mentions that 'Paying users' sites stay up forever without any need to log in to keep them running.'

Send feedback Forums Help Blog Account Log out

pythonanywhere  
by ANACONDA.

nielitropar.pythonanywhere.com

+ Add a new web app

Dashboard Consoles **Files** Web Tasks Databases

Configuration for nielitropar.pythonanywhere.com

Reload:

Reload nielitropar.pythonanywhere.com

Best before date:

We're happy to host your free website – and keep it free – for as long as you want to keep it running, but you'll need to log in at least once every three months and click the "Run until 3 months from today" button below. We'll send you an email a week before the site is disabled so that you don't forget to do that. [See here for more details.](#)

This site will be disabled on **Friday 08 December 2023**

Run until 3 months from today

[Paying users'](#) sites stay up forever without any need to log in to keep them running.

# CLICK ON YOUR PROJECT NAME FOLDER LIKE IN THIS CASE AIMLDJANGO DIRECTORY (FOLDER)

www.pythonanywhere.com/user/sarwan/files/home/sarwan

[Send feedback](#) [Forums](#) [Help](#) [Blog](#) [Account](#) [Log out](#)



/home/ sarwan

[Dashboard](#) [Consoles](#) **[Files](#)** [Web](#) [Tasks](#) [Databases](#)

[Open Bash console here](#) **0% full** – 2.1 MB of your 512.0 MB quota [More Info](#)

## Directories

[New directory](#)

[.cache/](#)



[.local/](#)



[.virtualenvs/](#)



[aimldjango/](#)



## Files

[New file](#)

[.bashrc](#)



2023-09-08 10:28 560 bytes

[.gitconfig](#)



2023-09-08 10:28 266 bytes

[.profile](#)



2023-09-08 10:28 79 bytes

[.pythonstartup.py](#)



2023-09-08 10:28 77 bytes

[.vimrc](#)



2023-09-08 10:28 4.6 KB

[README.txt](#)



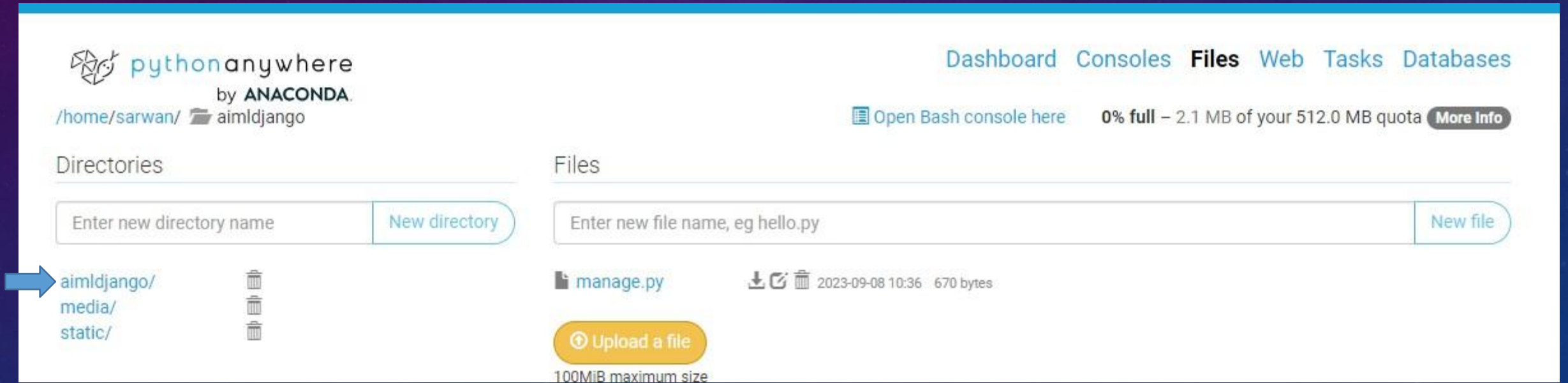
2023-09-08 10:28 232 bytes

[Upload a file](#)

100MiB maximum size

# AGAIN CLICK ON YOUR PROJECT NAME FOLDER LIKE IN THIS CASE AIMLDJANGO DIRECTORY (FOLDER)

Note: Default project has three folders and one manage.py file



The screenshot displays the PythonAnywhere web interface for a project named 'aimldjango'. The top navigation bar includes links for Dashboard, Consoles, Files, Web, Tasks, and Databases. The 'Files' tab is currently active. Below the navigation bar, the path '/home/sarwan/ aimldjango' is shown. The 'Directories' section on the left lists 'aimldjango/', 'media/', and 'static/', with a blue arrow pointing to 'aimldjango/'. The 'Files' section on the right shows a file named 'manage.py' with a download icon, a share icon, and a trash icon. The file's details are '2023-09-08 10:36' and '670 bytes'. Below the file list is an 'Upload a file' button and a note '100MiB maximum size'.

pythonanywhere  
by ANACONDA  
/home/sarwan/ aimldjango

Dashboard Consoles **Files** Web Tasks Databases

[Open Bash console here](#) 0% full – 2.1 MB of your 512.0 MB quota [More Info](#)

Directories

Enter new directory name [New directory](#)

Files

Enter new file name, eg hello.py [New file](#)

aimldjango/ media/ static/

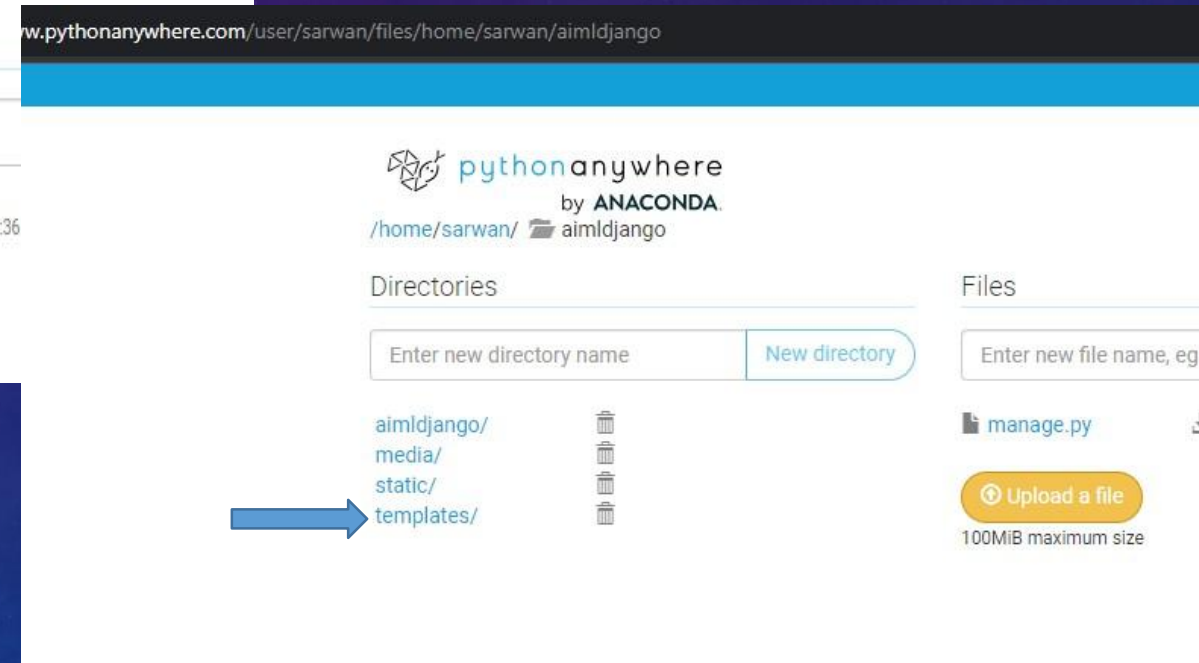
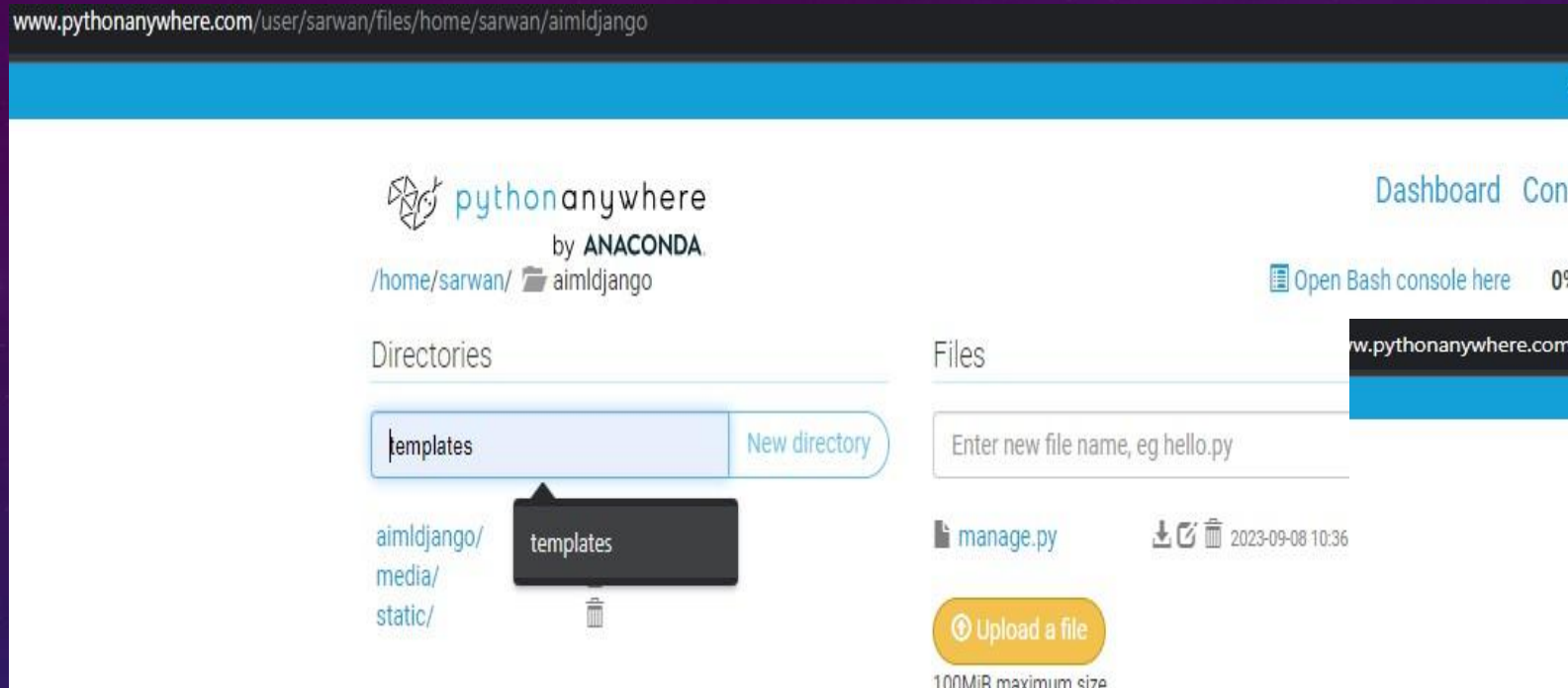
[manage.py](#) 2023-09-08 10:36 670 bytes

[Upload a file](#)

100MiB maximum size

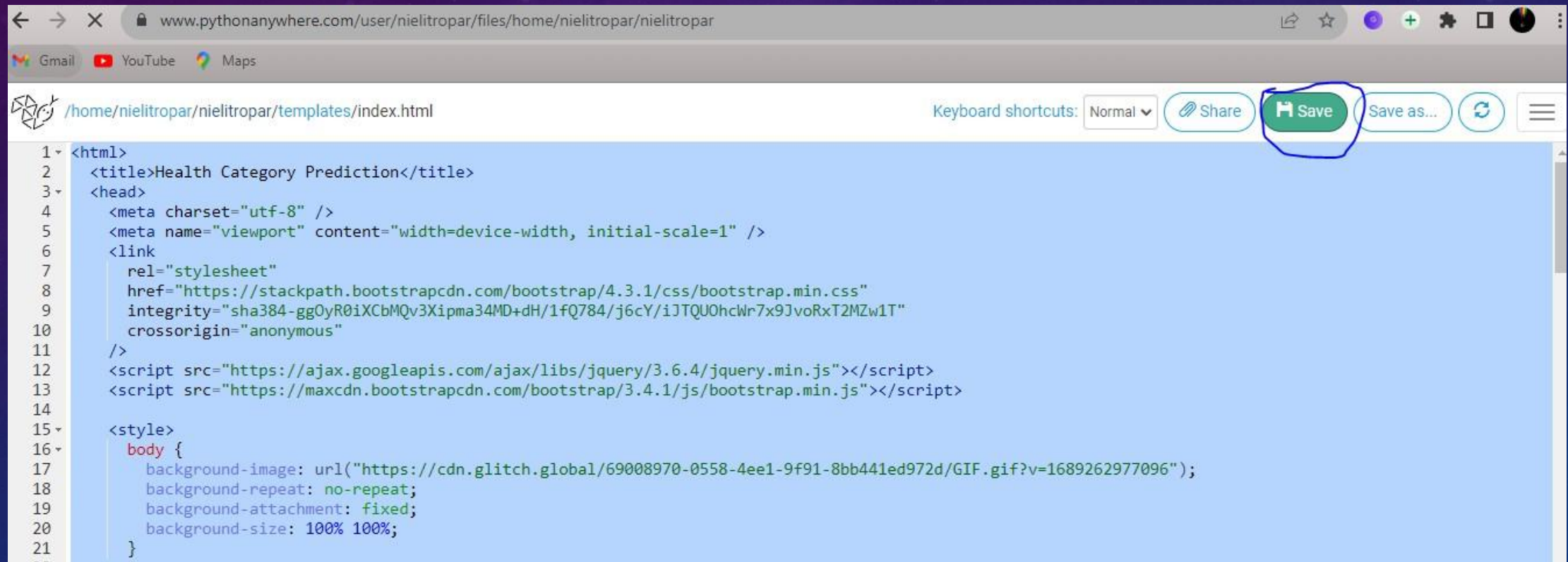


# CREATE FOLDER NAMED TEMPLATES



# CREATE INDEX.HTML FILE INSIDE TEMPLATES FOLDER AND PASTE CODE

[HTTPS://DRIVE.GOOGLE.COM/DRIVE/FOLDERS/11CN2OUWC1NZ31ERLBAZ3WETKL\\_GAWVH1Y?USP=DRIVE LINK](https://drive.google.com/drive/folders/11CN2OUWC1NZ31ERLBAZ3WETKL_GAWVH1Y?USP=DRIVE_LINK)



The screenshot shows a web browser window with the address bar displaying `www.pythonanywhere.com/user/nielitropar/files/home/nielitropar/nielitropar`. The browser's address bar shows the file path `/home/nielitropar/nielitropar/templates/index.html`. The code editor displays the following HTML code:

```
1 <html>
2 <title>Health Category Prediction</title>
3 <head>
4 <meta charset="utf-8" />
5 <meta name="viewport" content="width=device-width, initial-scale=1" />
6 <link
7   rel="stylesheet"
8   href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
9   integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
10  crossorigin="anonymous"
11 />
12 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>
13 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
14
15 <style>
16   body {
17     background-image: url("https://cdn.glitch.global/69008970-0558-4ee1-9f91-8bb441ed972d/GIF.gif?v=1689262977096");
18     background-repeat: no-repeat;
19     background-attachment: fixed;
20     background-size: 100% 100%;
21   }
22
```

The 'Save' button in the top right corner of the editor is circled in blue.

# Open settings.py file and make following changes in it just add yourprojectname/templates

```
www.pythonanywhere.com/user/sarwan/files/home/sarwan/aimldjango/aimldjango/settings.py?edit

/home/sarwan/aimldjango/aimldjango/settings.py (unsaved changes)

47 'django.contrib.auth.middleware.AuthenticationMiddleware',
48 'django.contrib.messages.middleware.MessageMiddleware',
49 'django.middleware.clickjacking.XFrameOptionsMiddleware',
50 ]
51
52 ROOT_URLCONF = 'aimldjango.urls'
53
54 TEMPLATES = [
55     {
56         'BACKEND': 'django.template.backends.django.DjangoTemplates',
57         'DIRS': [],
58         'APP_DIRS': True,
59         'OPTIONS': {
60             'context_processors': [
61                 'django.template.context_processors.debug',
62                 'django.template.context_processors.request',
63                 'django.contrib.auth.context_processors.auth',
64                 'django.contrib.messages.context_processors.messages',
65             ],
66         },
67     ],
68 ]
69
70 WSGI_APPLICATION = 'aimldjango.wsgi.application'
71
72
```

Before

```
www.pythonanywhere.com/user/sarwan/files/home/sarwan/aimldjango/aimldjango/settings.py?edit

/home/sarwan/aimldjango/aimldjango/settings.py (unsaved changes)

47 'django.contrib.auth.middleware.AuthenticationMiddleware',
48 'django.contrib.messages.middleware.MessageMiddleware',
49 'django.middleware.clickjacking.XFrameOptionsMiddleware',
50 ]
51
52 ROOT_URLCONF = 'aimldjango.urls'
53
54 TEMPLATES = [
55     {
56         'BACKEND': 'django.template.backends.django.DjangoTemplates',
57         'DIRS': ['aimldjango/templates'],
58         'APP_DIRS': True,
59         'OPTIONS': {
60             'context_processors': [
61                 'django.template.context_processors.debug',
62                 'django.template.context_processors.request',
63                 'django.contrib.auth.context_processors.auth',
64                 'django.contrib.messages.context_processors.messages',
65             ],
66         },
67     ],
68 ]
69
70 WSGI_APPLICATION = 'aimldjango.wsgi.application'
71
```

After



# OPEN URLS.PY FILE AND MAKE FOLLOWING CHANGES

 /home/sarwan/aimldjango/aimldjango/urls.py (unsaved changes)

```
1 """aimldjango URL Configuration
2
3 The `urlpatterns` list routes URLs to views. For more information please see:
4     https://docs.djangoproject.com/en/4.0/topics/http/urls/
5 Examples:
6 Function views
7     1. Add an import: from my_app import views
8     2. Add a URL to urlpatterns: path('', views.home, name='home')
9 Class-based views
10    1. Add an import: from other_app.views import Home
11    2. Add a URL to urlpatterns: path('', Home.as_view(), name='home')
12 Including another URLconf
13    1. Import the include() function: from django.urls import include, path
14    2. Add a URL to urlpatterns: path('blog/', include('blog.urls'))
15 """
16 from django.contrib import admin
17 from django.urls import path
18
19 urlpatterns = [
20     path('admin/', admin.site.urls),
21 ]
22
```

Before

 /home/sarwan/aimldjango/aimldjango/urls.py (unsaved changes)

```
1 """aimldjango URL Configuration
2
3 The `urlpatterns` list routes URLs to views. For more information please see:
4     https://docs.djangoproject.com/en/4.0/topics/http/urls/
5 Examples:
6 Function views
7     1. Add an import: from my_app import views
8     2. Add a URL to urlpatterns: path('', views.home, name='home')
9 Class-based views
10    1. Add an import: from other_app.views import Home
11    2. Add a URL to urlpatterns: path('', Home.as_view(), name='home')
12 Including another URLconf
13    1. Import the include() function: from django.urls import include, path
14    2. Add a URL to urlpatterns: path('blog/', include('blog.urls'))
15 """
16 from django.contrib import admin
17 from django.urls import path
18 from aimldjango import views
19 from django.conf.urls.static import static
20
21 urlpatterns = [
22     path('admin/', admin.site.urls),
23     path('', views.index, name='index'),
24     path('bmi', views.page, name='bmi'),
25 ]
26
```

After



# INSIDE YOURSITENAME/PROJECTNAME CREATE NEW FILE NAMED VIEWS.PY

pythonanywhere  
by ANACONDA.  
/home/sarwan/aimldjango/ aimldjango

Send feedback Forums Help Blog Account Log out

Dashboard Consoles **Files** Web Tasks Databases

Open Bash console here 0% full – 2.1 MB of your 512.0 MB quota [More Info](#)

### Directories

Enter new directory name [New directory](#)

[\\_\\_pycache\\_\\_](#)

### Files

[views.py](#) [New file](#)

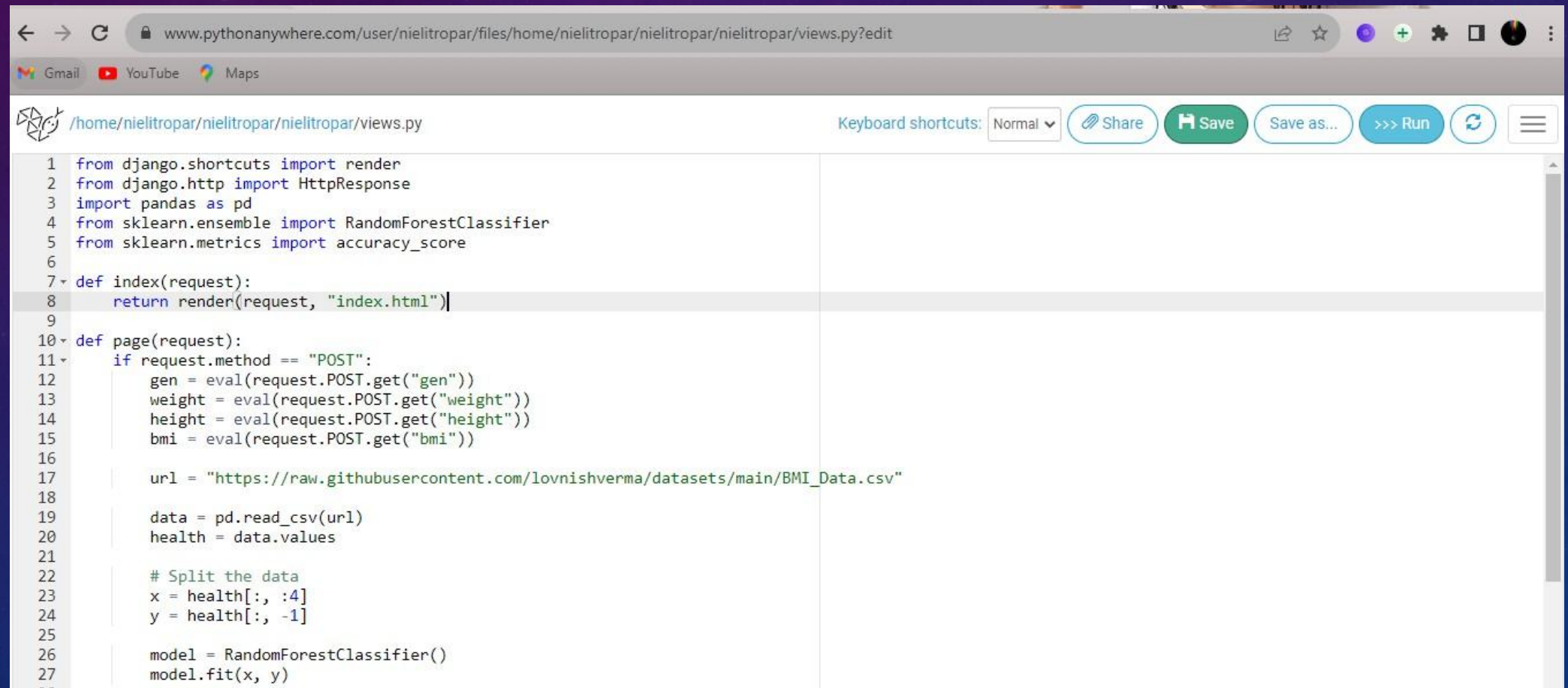
	<a href="#">__init__.py</a>				2023-09-08 10:36	0 bytes
	<a href="#">asgi.py</a>				2023-09-08 10:36	397 bytes
	<a href="#">settings.py</a>				2023-09-08 10:48	3.5 KB
	<a href="#">urls.py</a>				2023-09-08 10:52	907 bytes
	<a href="#">wsgi.py</a>				2023-09-08 10:36	397 bytes

[Upload a file](#)

100MiB maximum size

# ADD THIS CODE IN YOUR VIEWS.PY FILE

[HTTPS://DRIVE.GOOGLE.COM/DRIVE/FOLDERS/11CN2OUWC1NZ31ERLBAZ3WETKLGAWVH1Y?USP=DRIVE LINK](https://drive.google.com/drive/folders/11CN2OUWC1NZ31ERLBAZ3WETKLGAWVH1Y?USP=DRIVE_LINK)



```
1 from django.shortcuts import render
2 from django.http import HttpResponse
3 import pandas as pd
4 from sklearn.ensemble import RandomForestClassifier
5 from sklearn.metrics import accuracy_score
6
7 def index(request):
8     return render(request, "index.html")
9
10 def page(request):
11     if request.method == "POST":
12         gen = eval(request.POST.get("gen"))
13         weight = eval(request.POST.get("weight"))
14         height = eval(request.POST.get("height"))
15         bmi = eval(request.POST.get("bmi"))
16
17         url = "https://raw.githubusercontent.com/lovnishverma/datasets/main/BMI_Data.csv"
18
19         data = pd.read_csv(url)
20         health = data.values
21
22         # Split the data
23         x = health[:, :4]
24         y = health[:, -1]
25
26         model = RandomForestClassifier()
27         model.fit(x, y)
```

**Note:** Reload the project after every change made in source code to make it appear on the live site.....  
also click on run until 3 months in every 1-2 months to extend free site lifespan by doing so project will be running lifetime for free....

www.pythonanywhere.com/user/sarwan/webapps/#tab\_id\_sarwan\_pythonanywhere\_com

Send feedback Forums Help Blog /

pythonanywhere  
by ANACONDA

Dashboard Consoles Files **Web** Tasks

sarwan.pythonanywhere.com

+ Add a new web app

Configuration for sarwan.pythonanywhere.com

Reload:

Reload sarwan.pythonanywhere.com

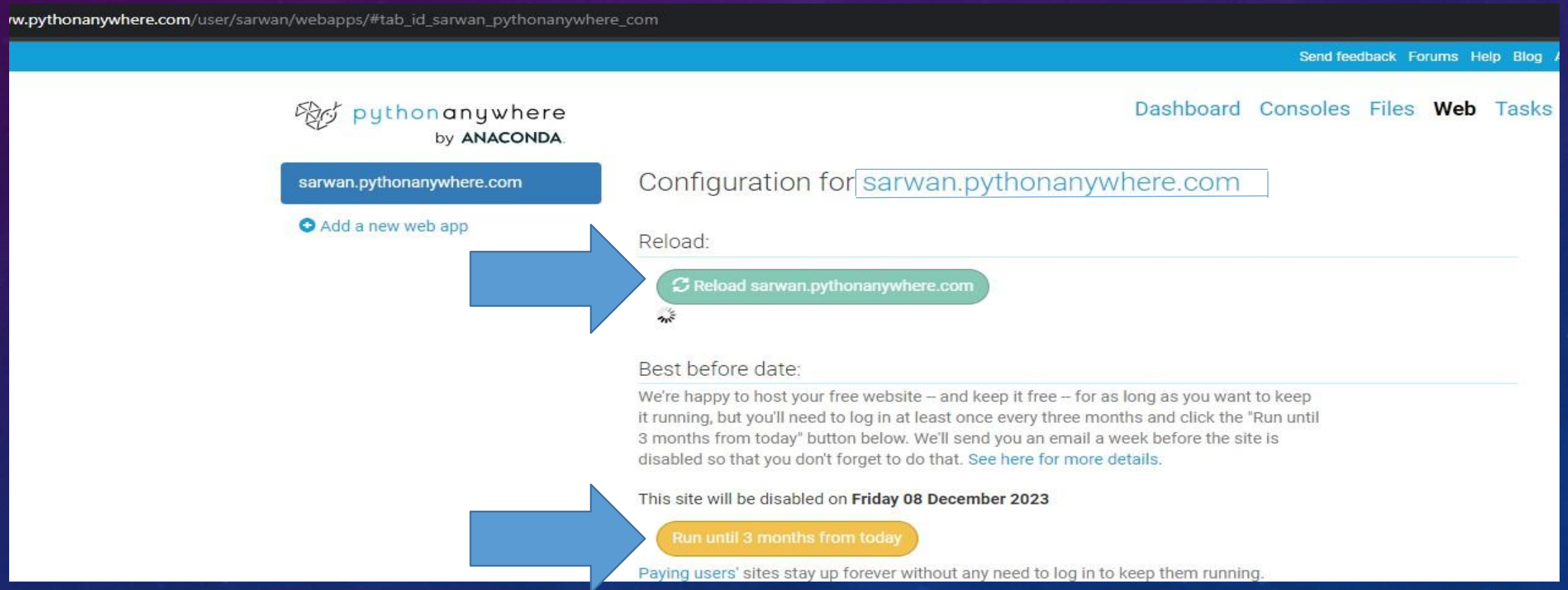
Best before date:

We're happy to host your free website -- and keep it free -- for as long as you want to keep it running, but you'll need to log in at least once every three months and click the "Run until 3 months from today" button below. We'll send you an email a week before the site is disabled so that you don't forget to do that. [See here for more details.](#)

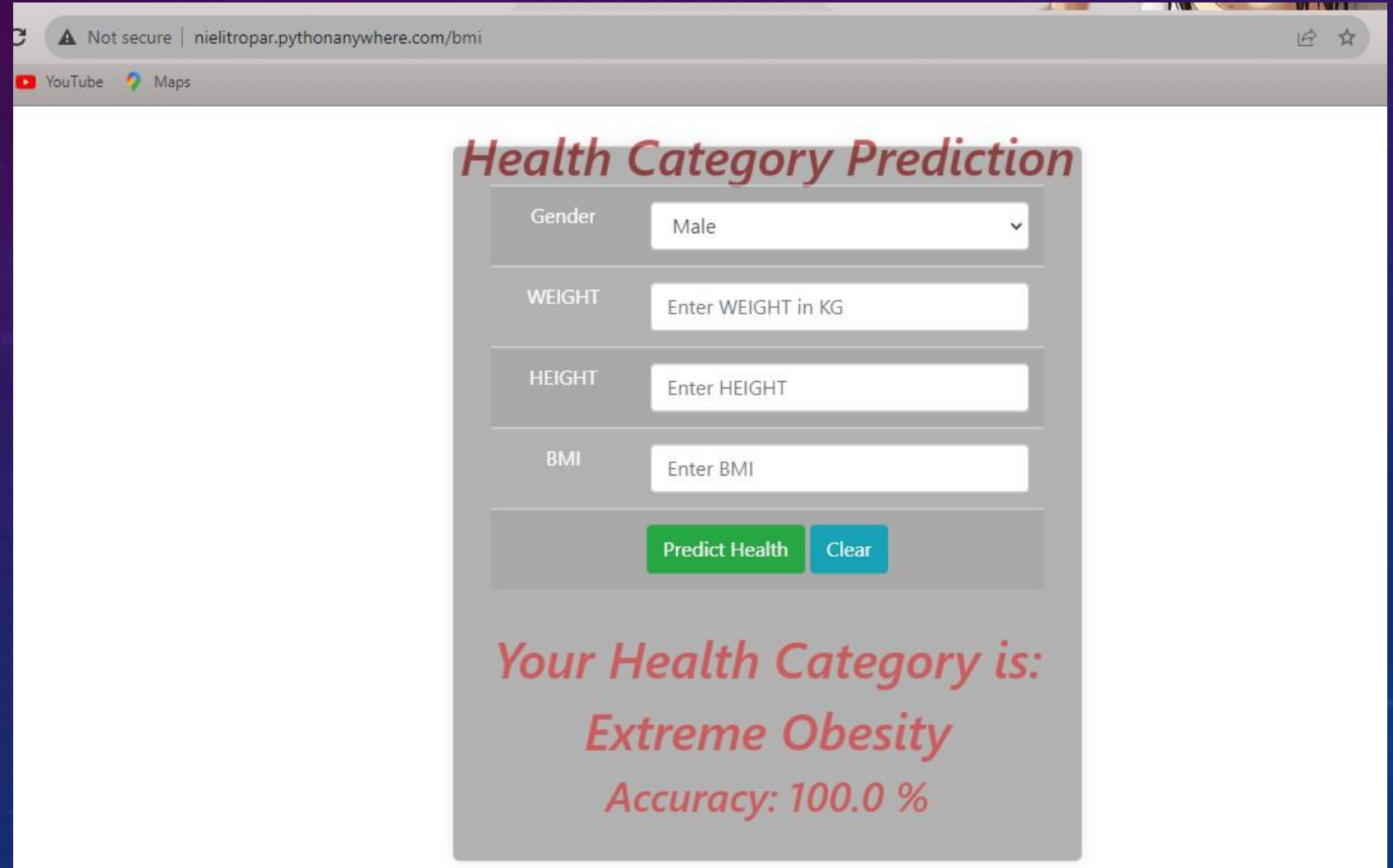
This site will be disabled on **Friday 08 December 2023**

Run until 3 months from today

Paying users' sites stay up forever without any need to log in to keep them running.



OPEN YOUR USERNAME.PYTHONANYWHERE.COM IN  
ANY BROWSER



The screenshot shows a web browser window with the address bar displaying "nielitropar.pythonanywhere.com/bmi". The page features a form titled "Health Category Prediction" with the following fields: "Gender" (a dropdown menu set to "Male"), "WEIGHT" (a text input field with placeholder "Enter WEIGHT in KG"), "HEIGHT" (a text input field with placeholder "Enter HEIGHT"), and "BMI" (a text input field with placeholder "Enter BMI"). Below these fields are two buttons: "Predict Health" (green) and "Clear" (blue). The results section at the bottom of the form displays the text: "Your Health Category is: Extreme Obesity" and "Accuracy: 100.0 %".

Health Category Prediction

Gender: Male

WEIGHT: Enter WEIGHT in KG

HEIGHT: Enter HEIGHT

BMI: Enter BMI

Predict Health Clear

Your Health Category is:  
Extreme Obesity  
Accuracy: 100.0 %



# THANK YOU