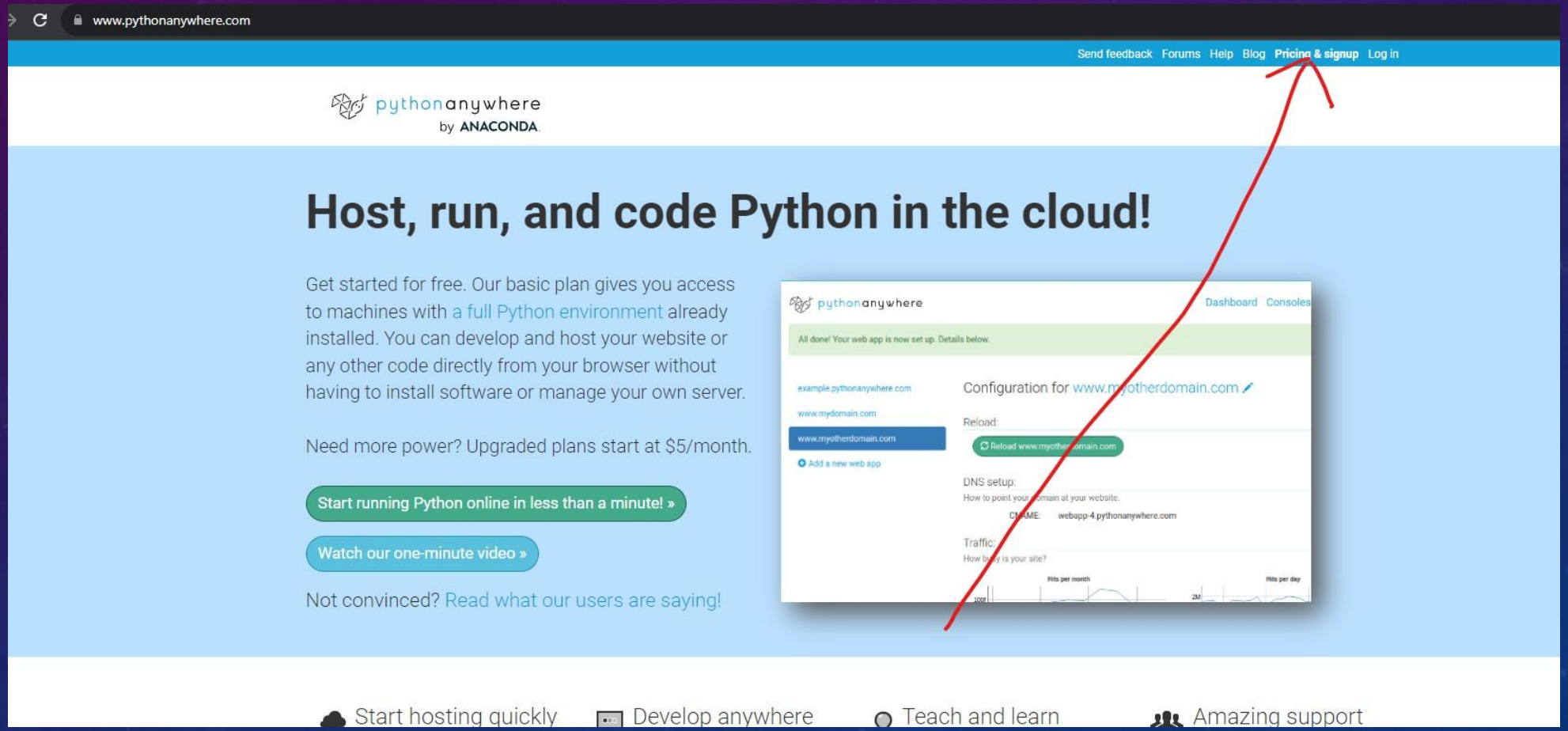
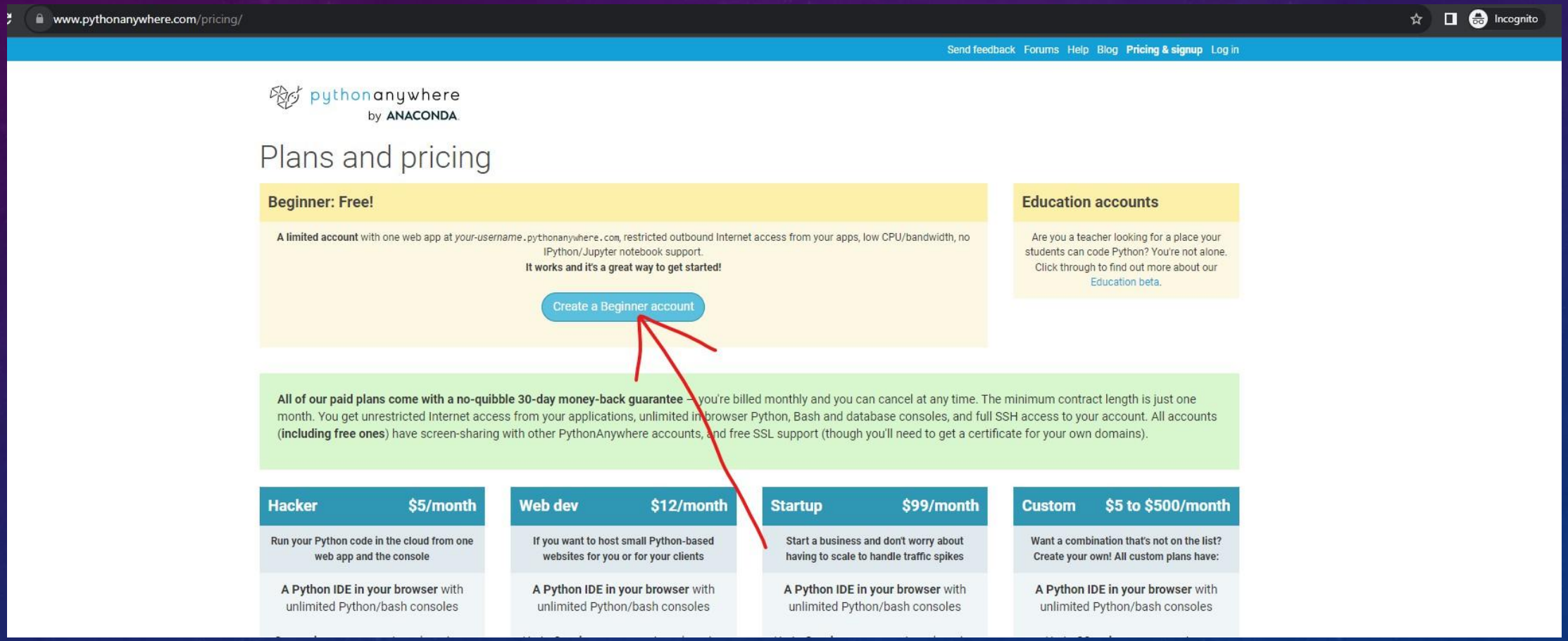
HOW TO DEPLOY ML PROJECT ON PYTHONANYWHERE.COM USING DJANGO FRAMEWORK

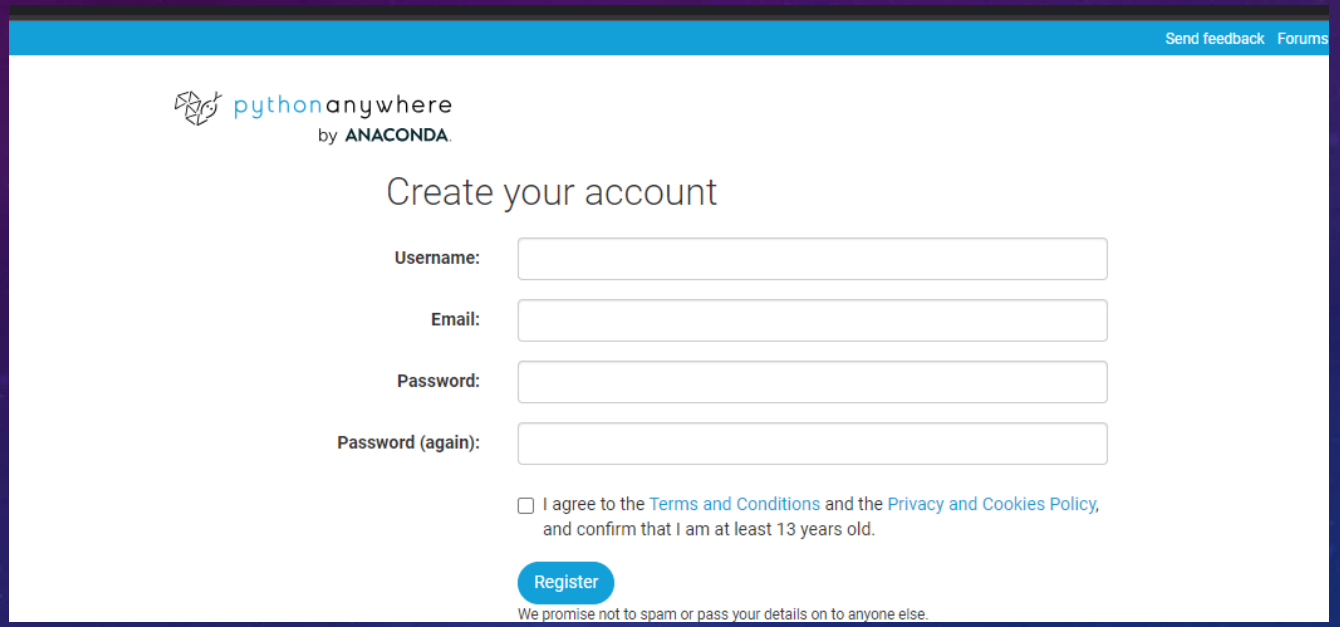
GO TO PYTHONANYWHERE.COM FROM ANY BROWSER AND CLICK ON SIGNUP



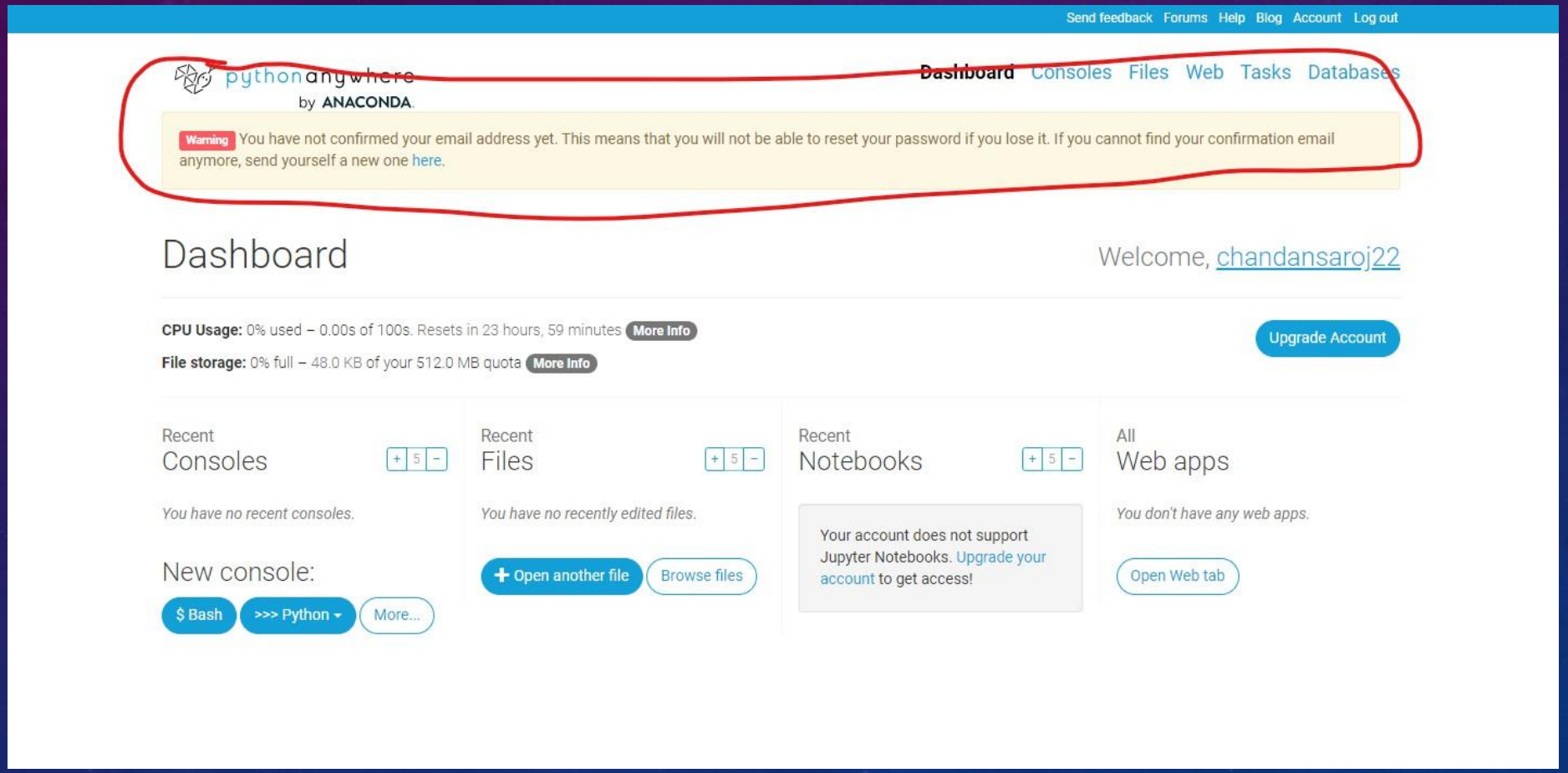
CREATE A BEGINNER ACCOUNT



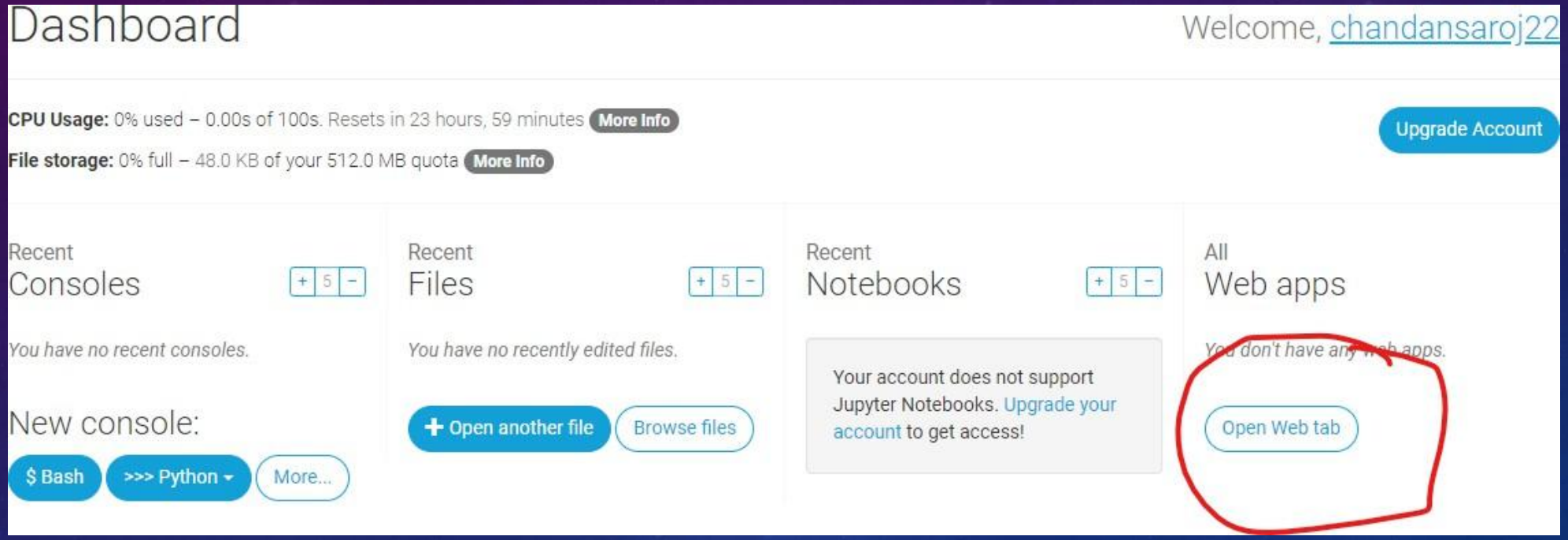
ENTER UNIQUE USERNAME AND OTHER DETAILS NOTE DOWN YOUR PASSWORD IN SAFE PLACE .



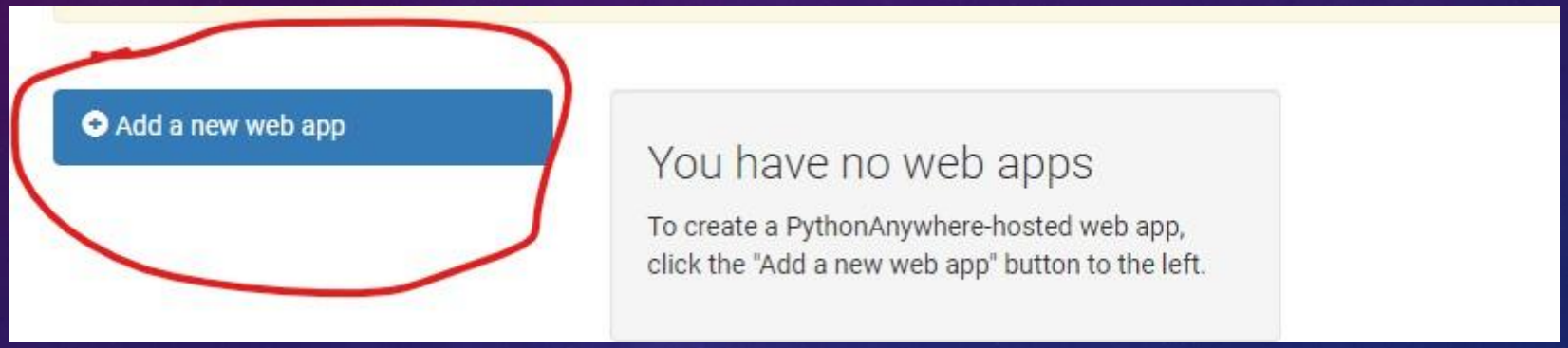
CHECK YOUR E-MAIL INBOX CLICK THE LINK TO CONFIRM YOUR ACCOUNT AND CONFIRM YOUR PYTHONANYWHERE ACCOUNT



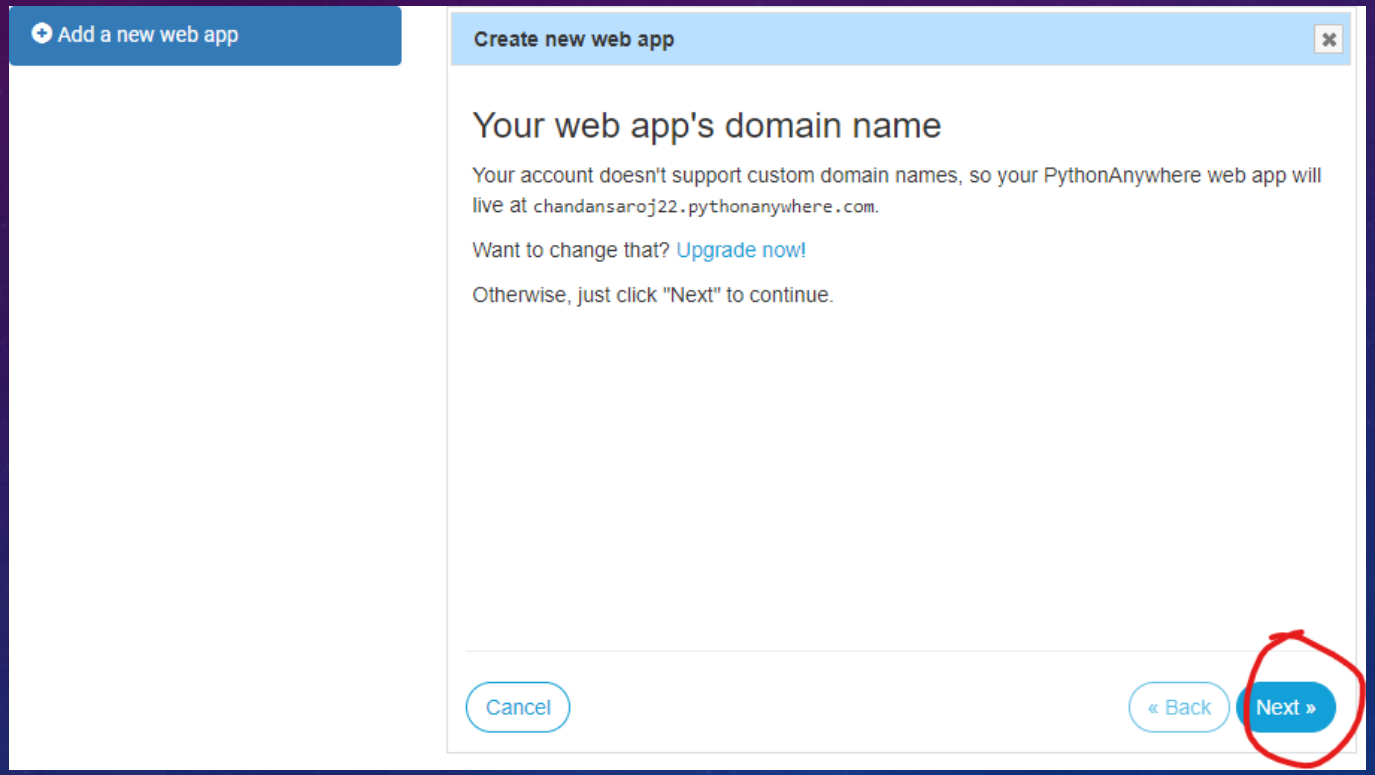
THEN CLICK ON OPEN WEB TAB



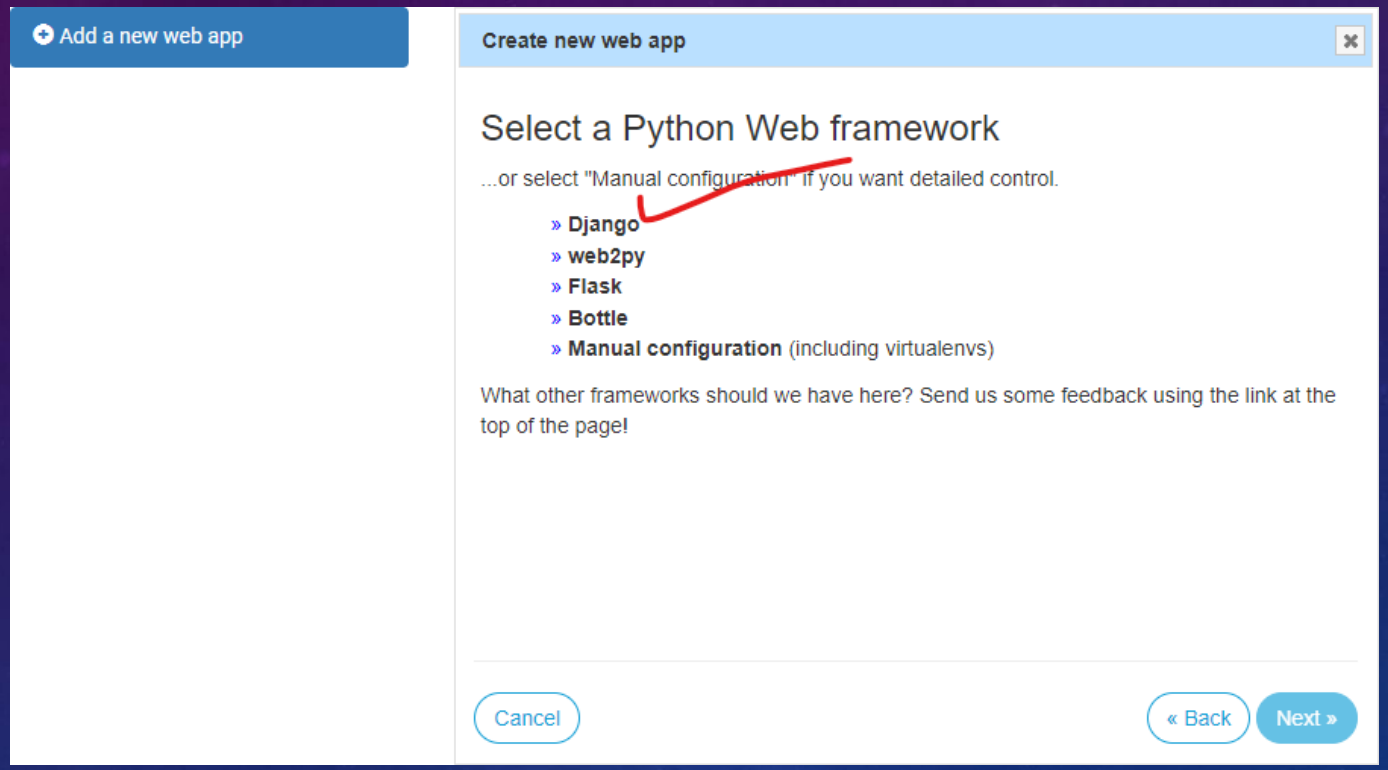
THEN CLICK ON ADD A NEW WEB APP



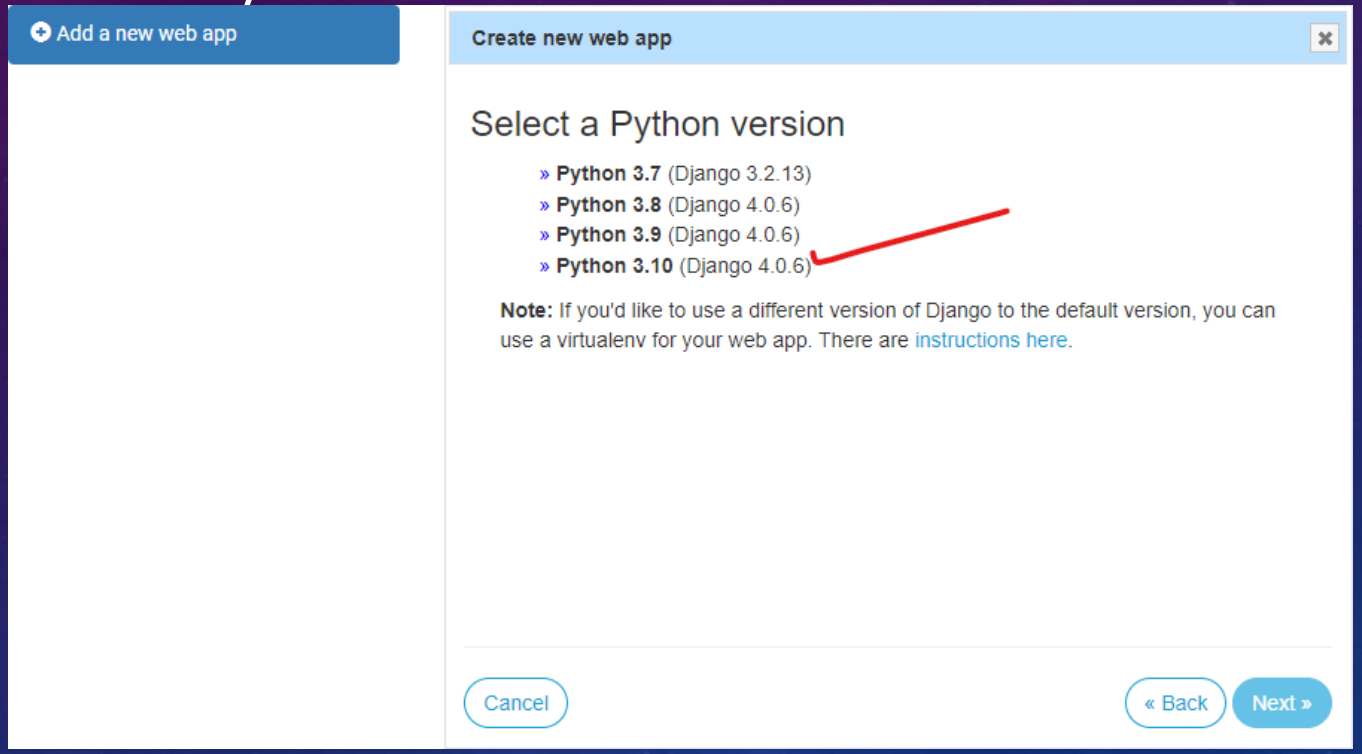
CLICK ON NEXT....



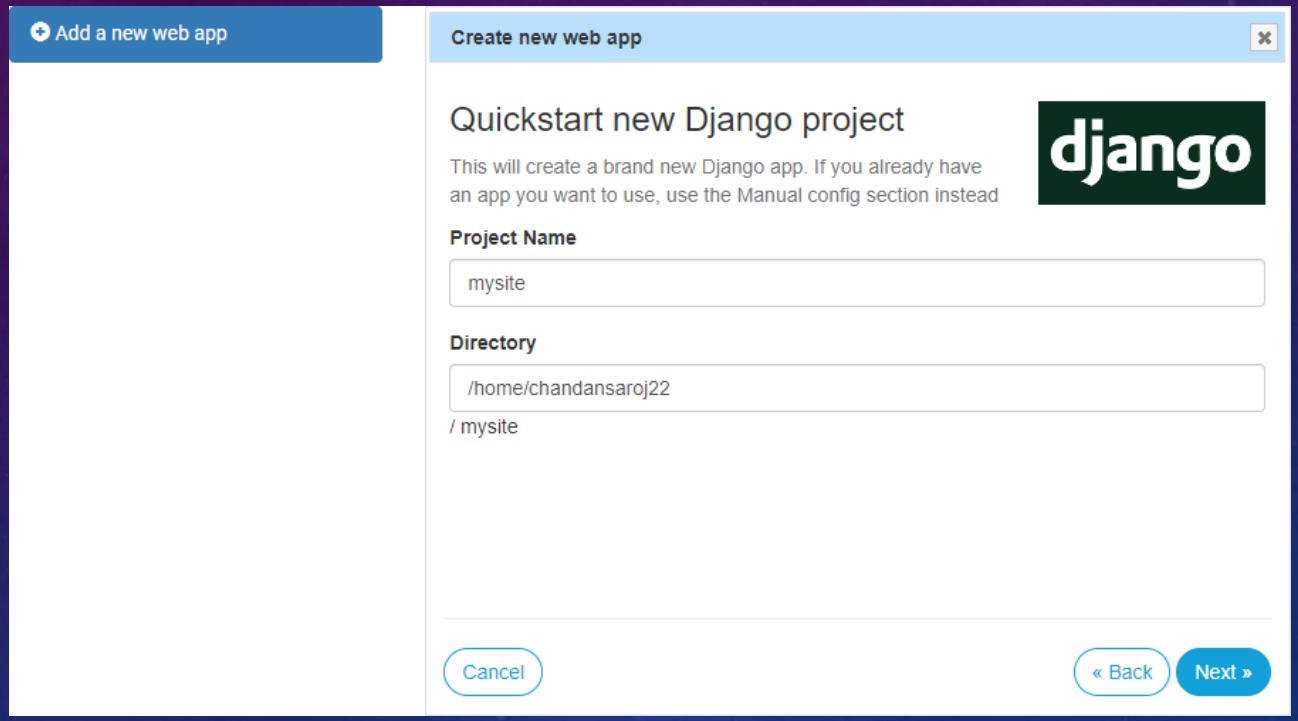
CLICK ON DJANGO



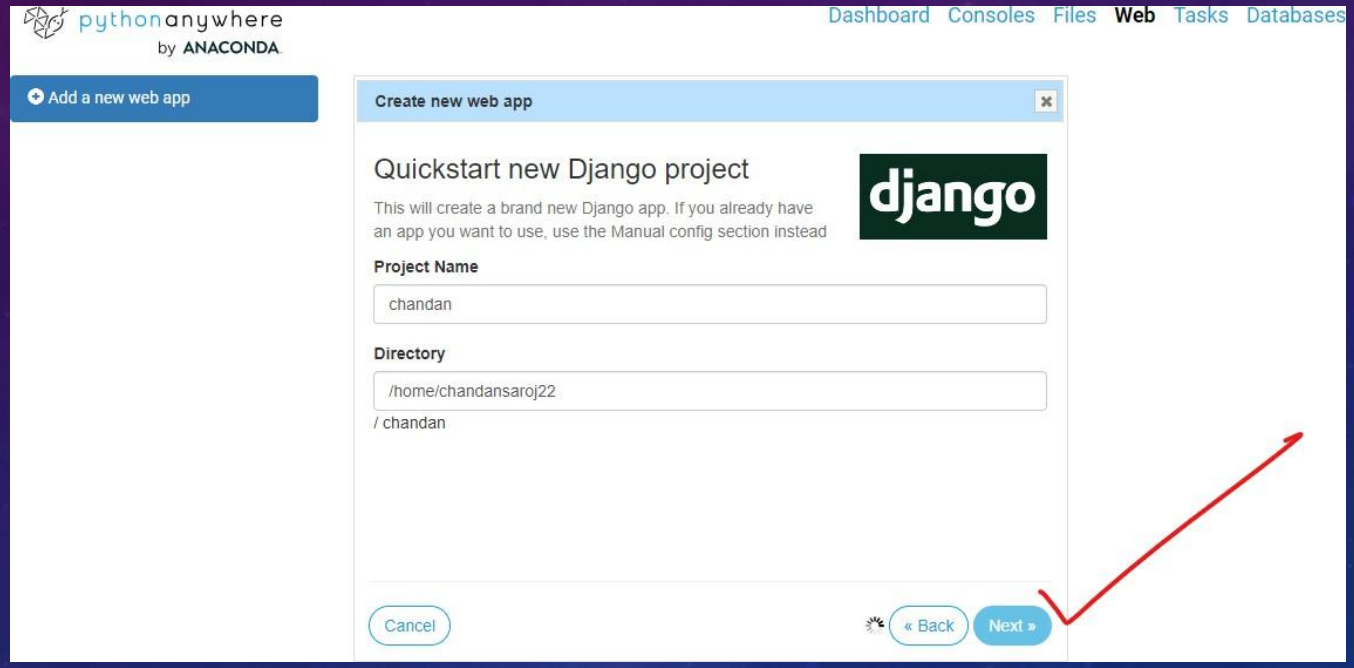
CHOOSE APPROPRIATE VERSION (LATEST IS RECOMMENDED)



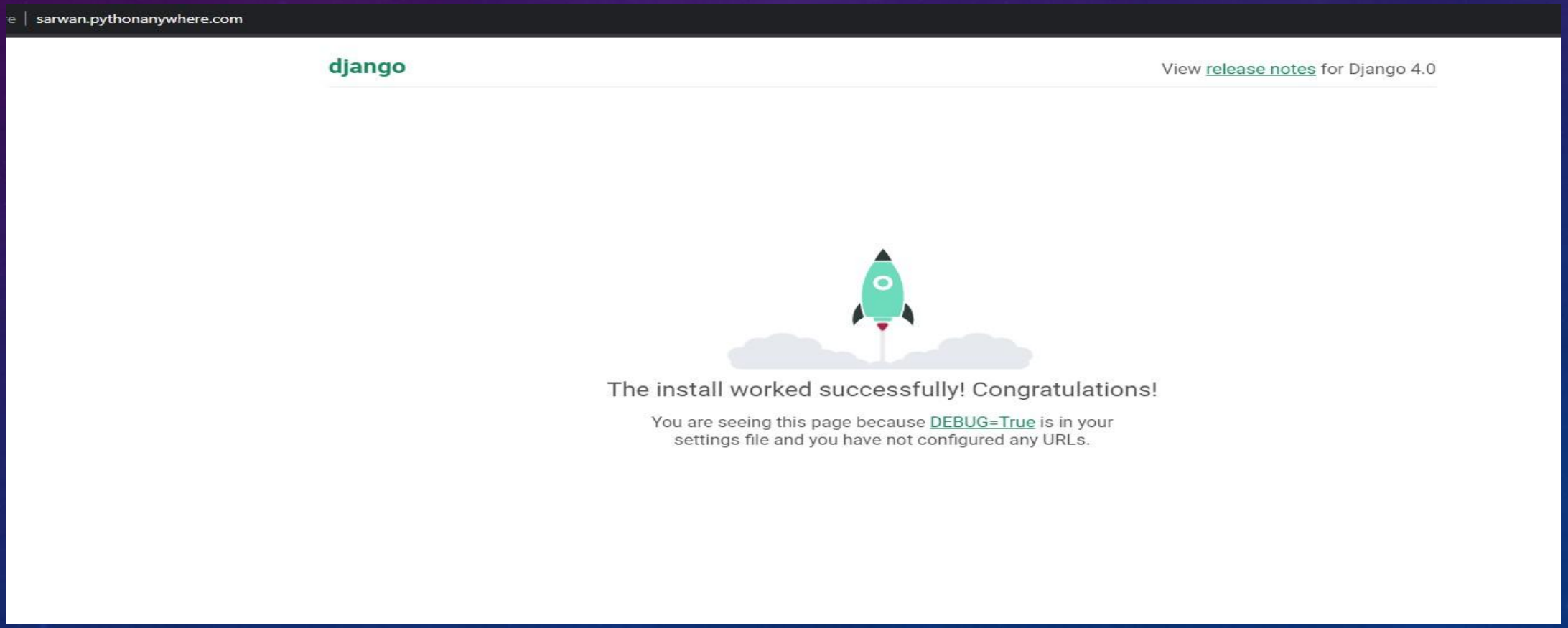
ENTER YOUR CUSTOM PROJECT NAME....



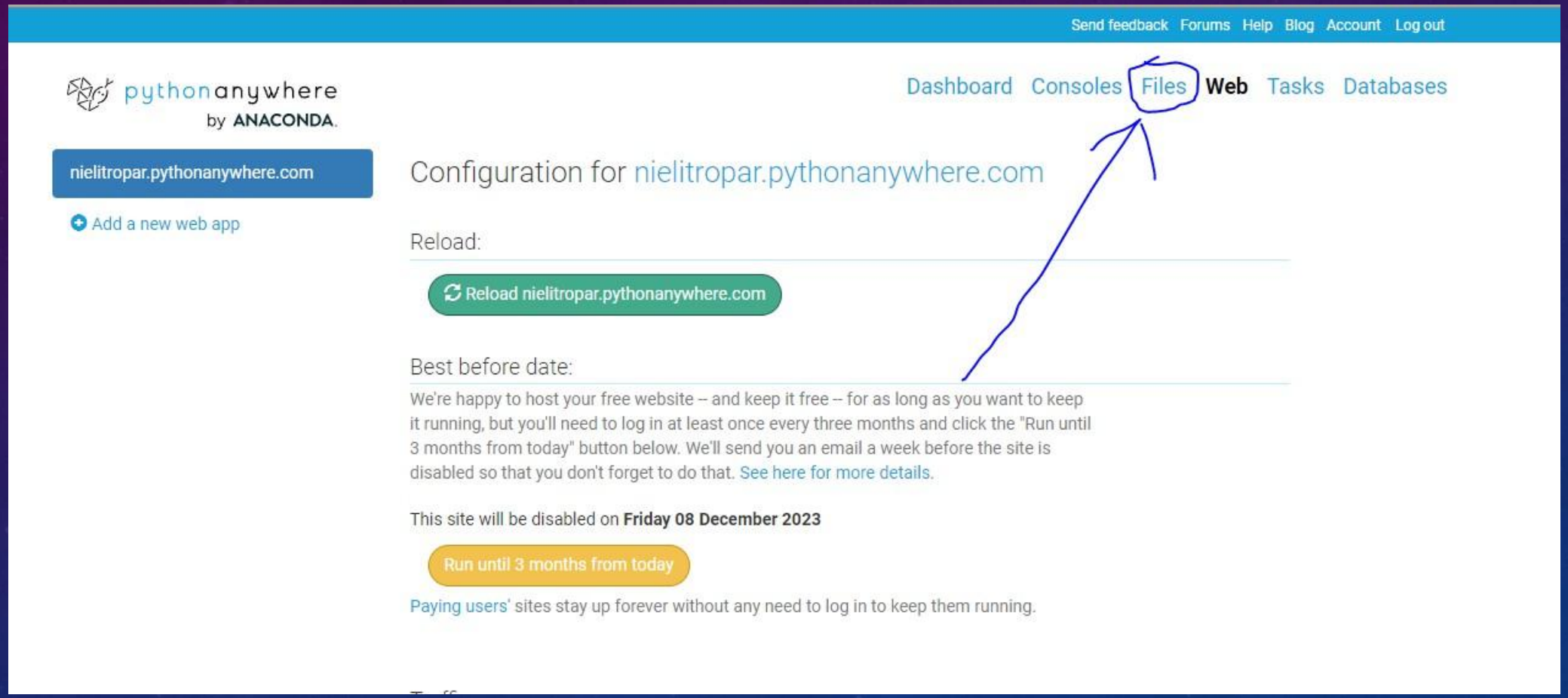
CLICK ON NEXT....



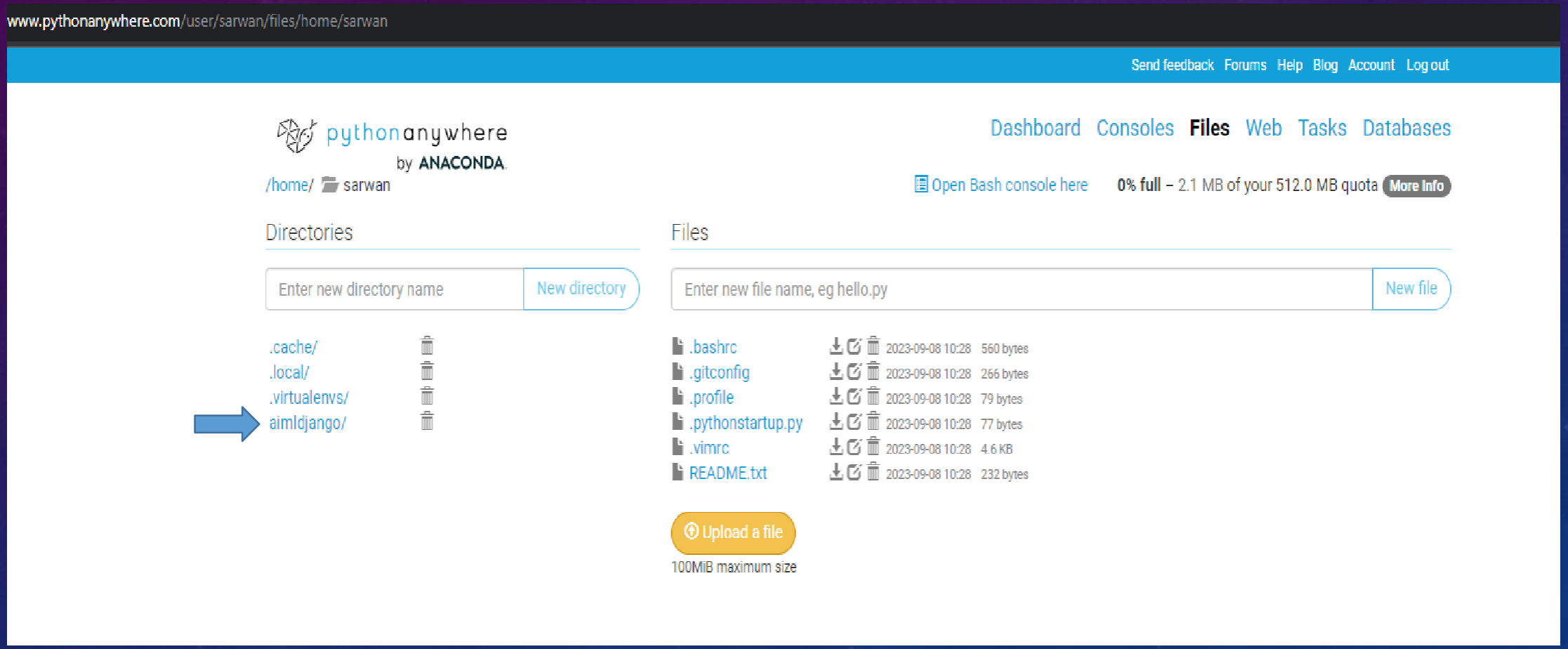
OPEN YOUR USERNAME.PYTHONANYWHERE.COM IN ANY BROWSER
IF THIS FLYING ROCKET APPEARS DJANGO IS SUCCESSFULLY CONFIGURED



CLICK ON FILES TO ACCESS FILE MANAGER

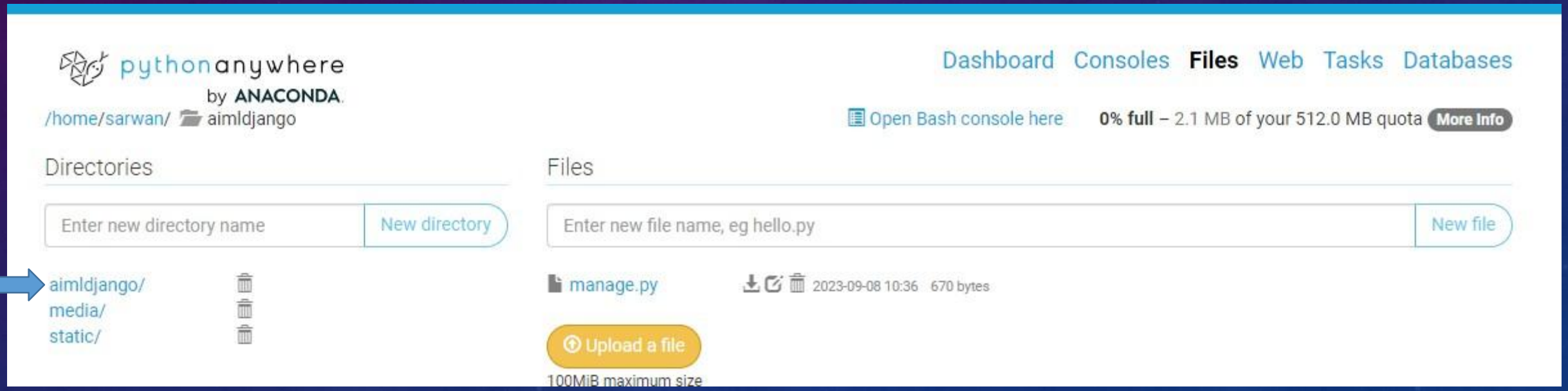


CLICK ON YOUR PROJECT NAME FOLDER LIKE IN THIS CASE AIMLDJANGO DIRECTORY (FOLDER)

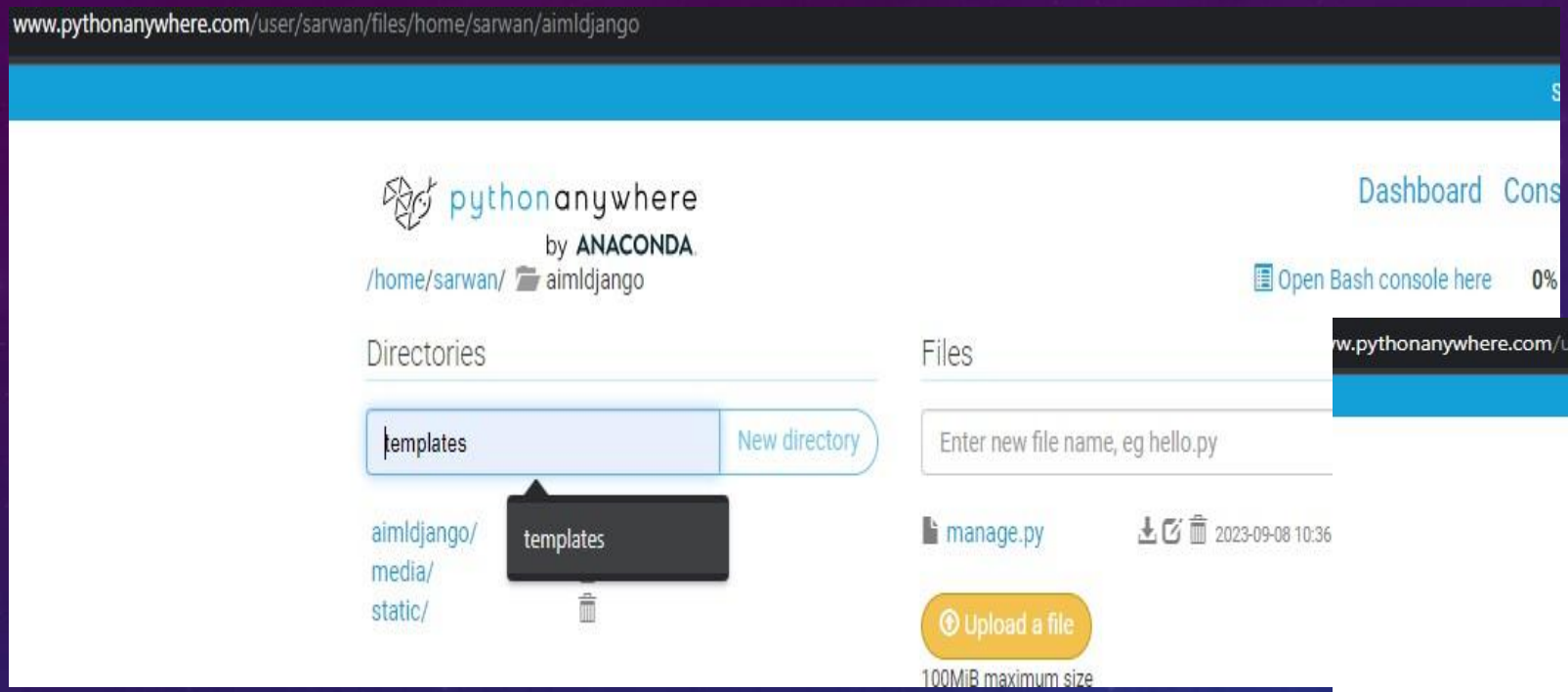


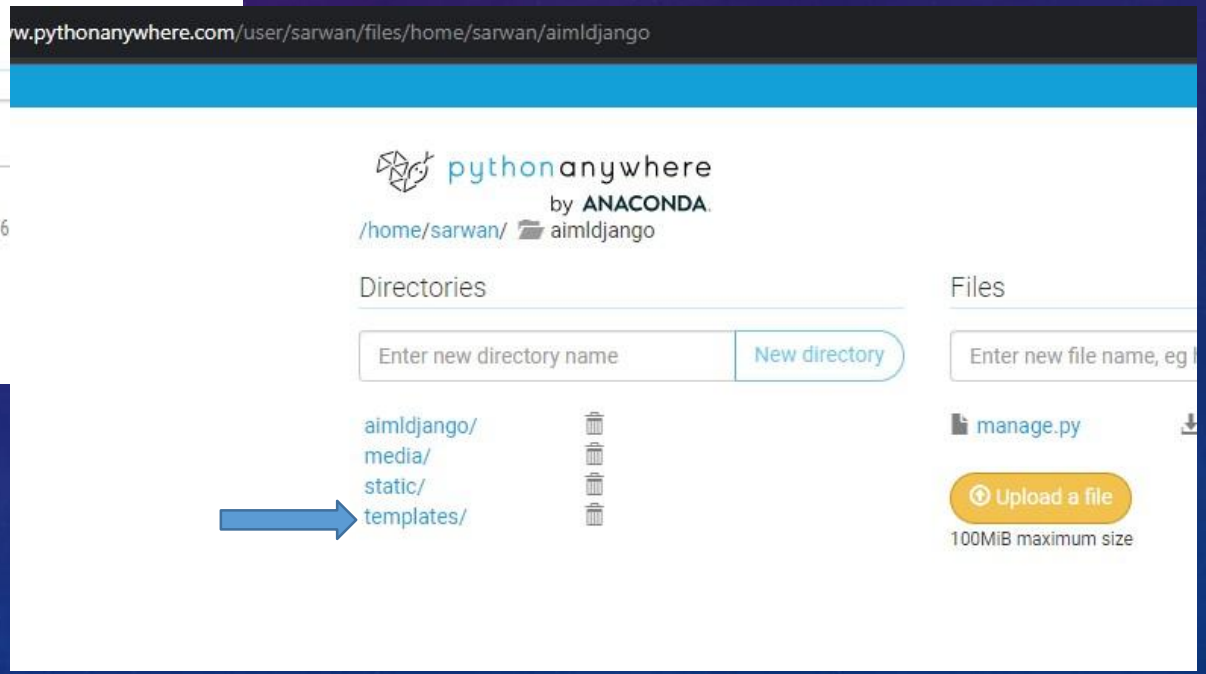
AGAIN CLICK ON YOUR PROJECT NAME FOLDER LIKE IN THIS CASE AIMLDJANGO DIRECTORY (FOLDER)

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



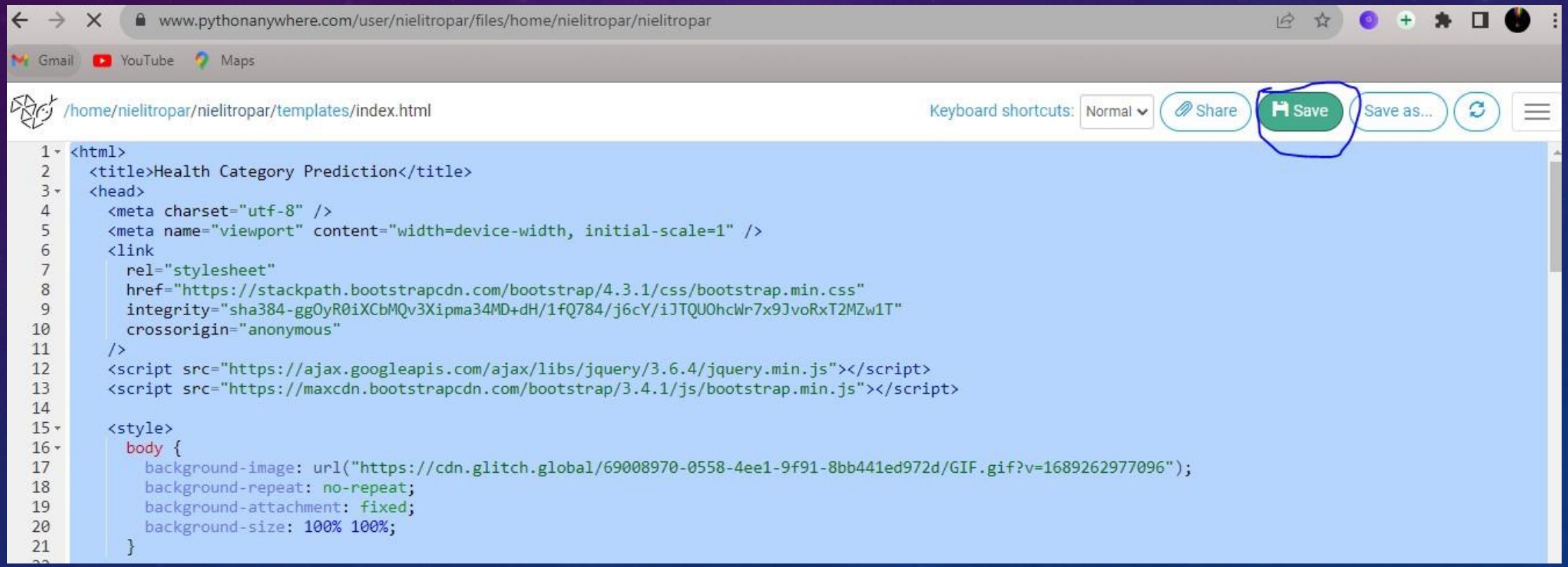
CREATE FOLDER NAMED TEMPLATES





CREATE INDEX.HTML FILE INSIDE TEMPLATES FOLDER AND PASTE CODE

HTTPS://DRIVE.GOOGLE.COM/DRIVE/FOLDERS/11CN2OUWC1NZ31ERLBAZ3WETKL_GAWVH1Y?USP=DRIVE_LINK



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)*

```
"""aimldjango URL Configuration

The `urlpatterns` list routes URLs to views. For more information please see:
    https://docs.djangoproject.com/en/4.0/topics/http/urls/
Examples:
Function views
    1. Add an import:  from my_app import views
    2. Add a URL to urlpatterns:  path('', views.home, name='home')
Class-based views
    1. Add an import:  from other_app.views import Home
    2. Add a URL to urlpatterns:  path('', Home.as_view(), name='home')
Including another URLconf
    1. Import the include() function: from django.urls import include, path
    2. Add a URL to urlpatterns:  path('blog/', include('blog.urls'))
"""
from django.contrib import admin
from django.urls import path

urlpatterns = [
    path('admin/', admin.site.urls),
]
```

Before

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

```
"""aimldjango URL Configuration

The `urlpatterns` list routes URLs to views. For more information please see:
    https://docs.djangoproject.com/en/4.0/topics/http/urls/
Examples:
Function views
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Including another URLconf
    1. Import the include() function: from django.urls import include, path
    2. Add a URL to urlpatterns:  path('blog/', include('blog.urls'))
"""
from django.contrib import admin
from django.urls import path
from aimldjango import views
from django.conf.urls.static import static

urlpatterns = [
    path('admin/', admin.site.urls),
    path('',  views.index, name='index'),
    path('bmi', views.page, name='bmi'),
]
```
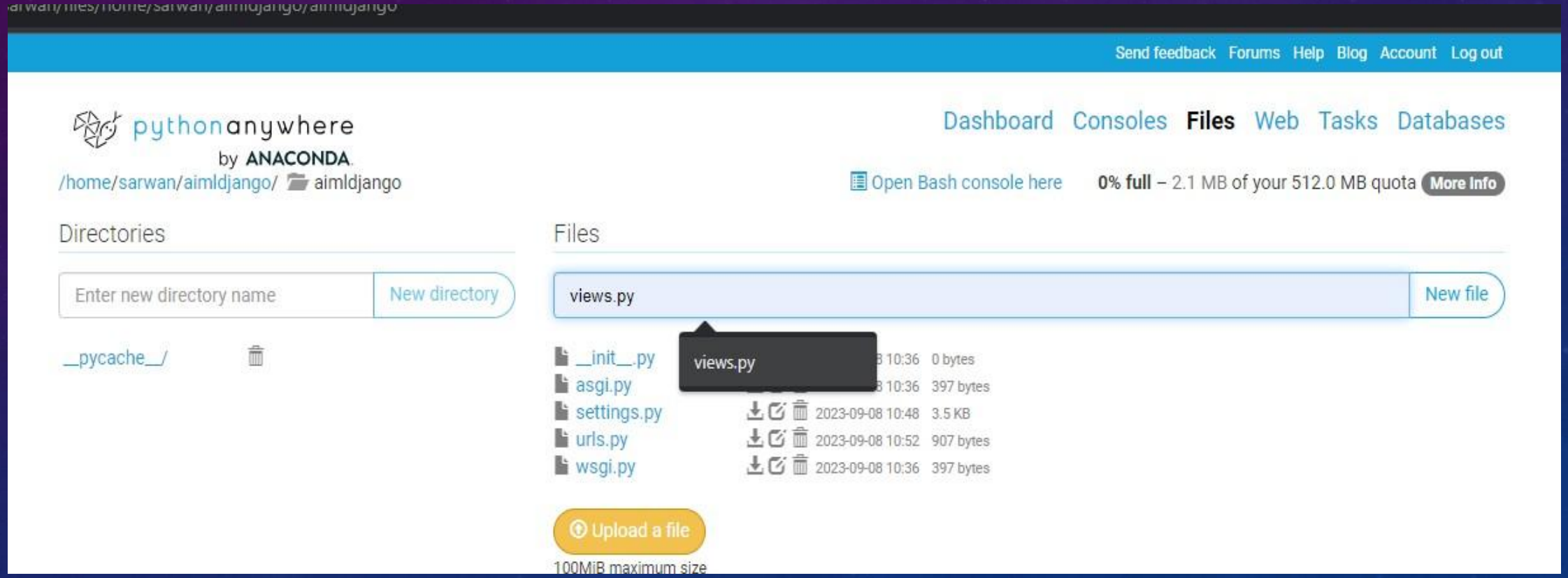
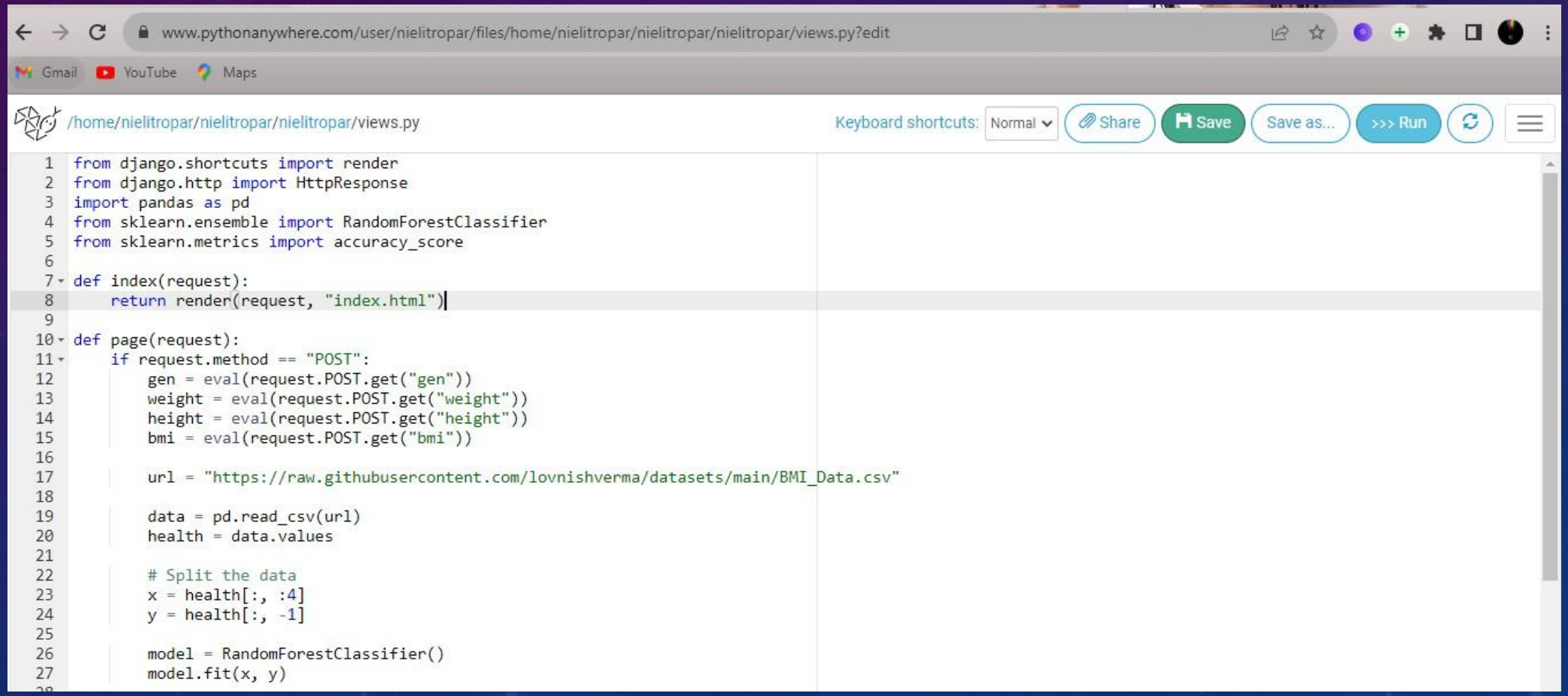

After

INSIDE YOURSITENAME/PROJECTNAME CREATE NEW FILE NAMED VIEWS.PY

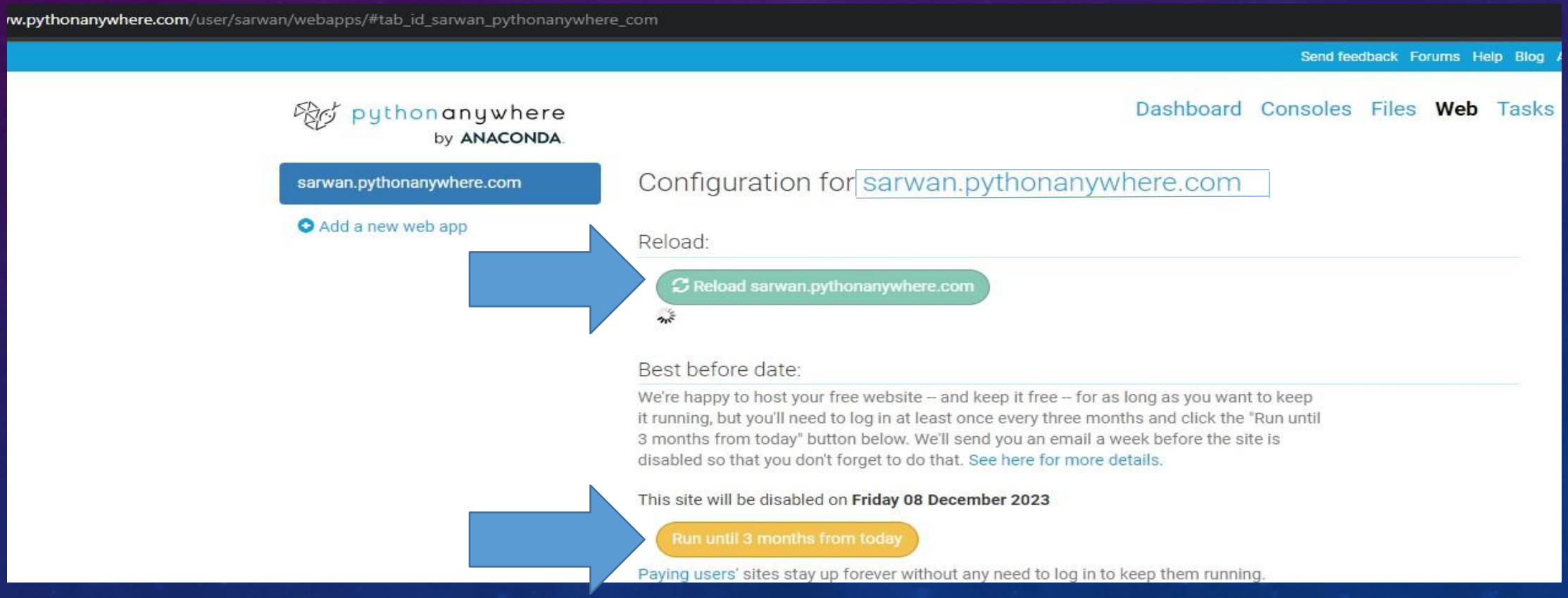


ADD THIS CODE IN YOUR VIEWS.PY FILE

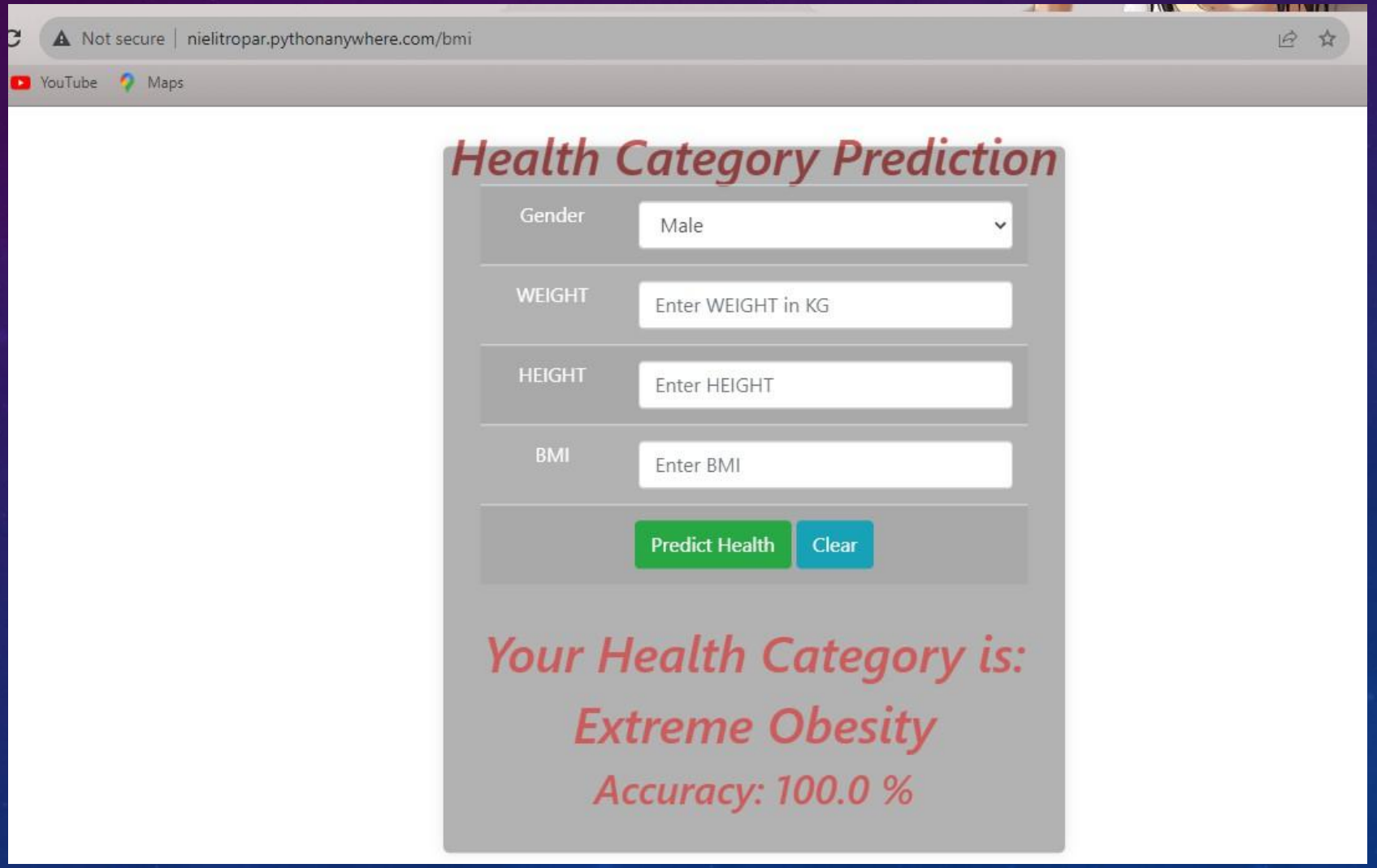
HTTPS://DRIVE.GOOGLE.COM/DRIVE/FOLDERS/11CN2OUWC1NZ31ERLBAZ3WETKLGAWVH1Y?USP=DRIVE_LINK



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….



OPEN YOUR USERNAME.PYTHONANYWHERE.COM IN ANY BROWSER



THANK YOU