

SIGNIFICANT MODIFICATIONS:

After importing ecapture module , you may get an error on running the open camera/take a photo command and camera will not start

It's possible that when you run main.py, you'll get an error like this->



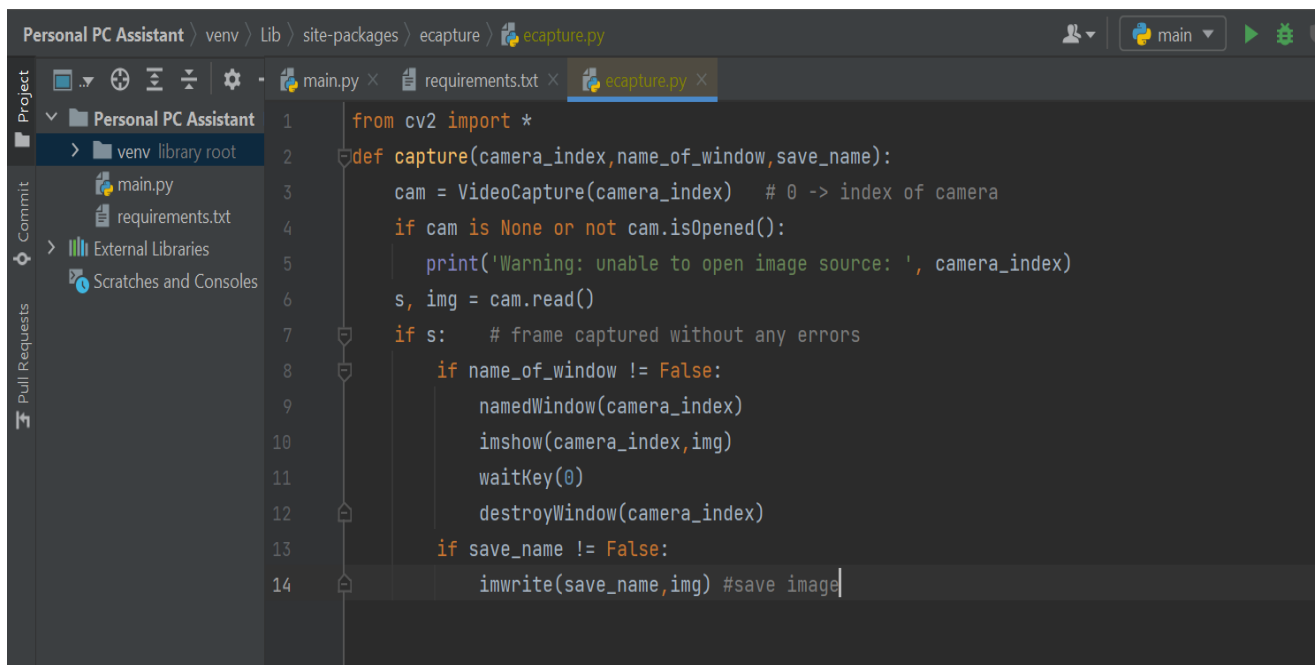
```
Run: main x
"D:\Desktop\Personal PC Assistant\venv\Scripts\python.exe" "D:/Desktop/Personal PC Assistant/main.py"
Loading your AI personal assistant jini
Hello,Good Afternoon
Listening...
user said:take a photo

Traceback (most recent call last):
  File "D:\Desktop\Personal PC Assistant\main.py", line 132, in <module>
    ec.capture(0, "robo camera", "img.jpg")
  File "D:\Desktop\Personal PC Assistant\venv\lib\site-packages\ecapture\ecapture.py", line 3, in capture
    cam = VideoCapture(camera_index) # 0 -> index of camera
NameError: name 'VideoCapture' is not defined

Process finished with exit code 1
```

Follow the blue text path provided in the image to open ecapture.py.

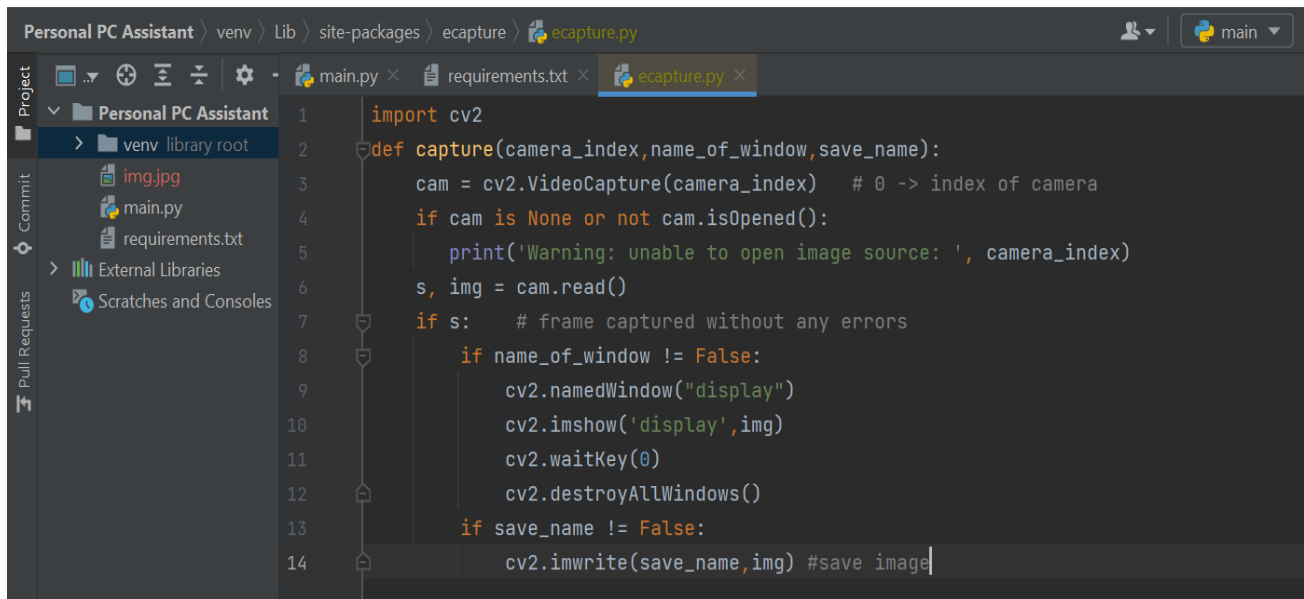
You'll run into some code that looks like this->



```
Personal PC Assistant > venv > Lib > site-packages > ecapture > ecapture.py
main.py x requirements.txt x ecapture.py x
1 from cv2 import *
2 def capture(camera_index,name_of_window,save_name):
3     cam = VideoCapture(camera_index) # 0 -> index of camera
4     if cam is None or not cam.isOpened():
5         print('Warning: unable to open image source: ', camera_index)
6     s, img = cam.read()
7     if s: # frame captured without any errors
8         if name_of_window != False:
9             namedWindow(camera_index)
10            imshow(camera_index,img)
11            waitKey(0)
12            destroyWindow(camera_index)
13        if save_name != False:
14            imwrite(save_name,img) #save image
```

You have to make few changes in the code given above and your open camera/take a photo command will start working.

These changes are->

A screenshot of a code editor window titled 'Personal PC Assistant'. The editor shows a file named 'ecapture.py' with the following Python code:

```
1 import cv2
2 def capture(camera_index, name_of_window, save_name):
3     cam = cv2.VideoCapture(camera_index) # 0 -> index of camera
4     if cam is None or not cam.isOpened():
5         print('Warning: unable to open image source: ', camera_index)
6     s, img = cam.read()
7     if s: # frame captured without any errors
8         if name_of_window != False:
9             cv2.namedWindow("display")
10            cv2.imshow('display',img)
11            cv2.waitKey(0)
12            cv2.destroyAllWindows()
13        if save_name != False:
14            cv2.imwrite(save_name,img) #save image
```

The left sidebar shows the project structure with 'Personal PC Assistant' as the root, containing 'venv', 'library root', 'img.jpg', 'main.py', and 'requirements.txt'. The 'venv' folder is expanded, showing 'External Libraries' and 'Scratches and Consoles'.

Updated Code:

```
import cv2

def capture(camera_index,name_of_window,save_name):

    cam = cv2.VideoCapture(camera_index) # 0 -> index of camera

    if cam is None or not cam.isOpened():

        print('Warning: unable to open image source: ', camera_index)

    s, img = cam.read()

    if s: # frame captured without any errors

        if name_of_window != False:

            cv2.namedWindow("display")

            cv2.imshow('display',img)

            cv2.waitKey(0)

            cv2.destroyAllWindows()

        if save_name != False:

            cv2.imwrite(save_name,img) #save image
```