

# Windows Instruction

## 1- Install python 3.8.5 package:

Download python 3.8.5 for windows from <https://www.python.org/downloads/>

Run the downloaded *python-3.8.5.exe* file and in the very first screen and select “Add Python 3.8 to PATH” checkbox.

Follow the steps to complete the installation.

**Note1:** Once the installation is completed, you must close any existing cmd.exe window and open a new one

**Note2:** If you already have other versions of python (ex. 2.7) installed in your computer, use “python3” command. The “python” command will run the older installed version.

**Note3:** If another version of Python is already installed on your computer, you will see “upgrade” vs. install. Select “upgrade” to install the new version.

## 2- Install the project’s requirements

This project uses three Python libraries (flask, Jinja2, datetime) which are not installed with Python. You need to install these libraries before running the web application.

To install the libraries pip/pip3 command can be used. Use pip3 command which will be installed by python 3.8 and to use it you don’t need to navigate to Python or a certain path.

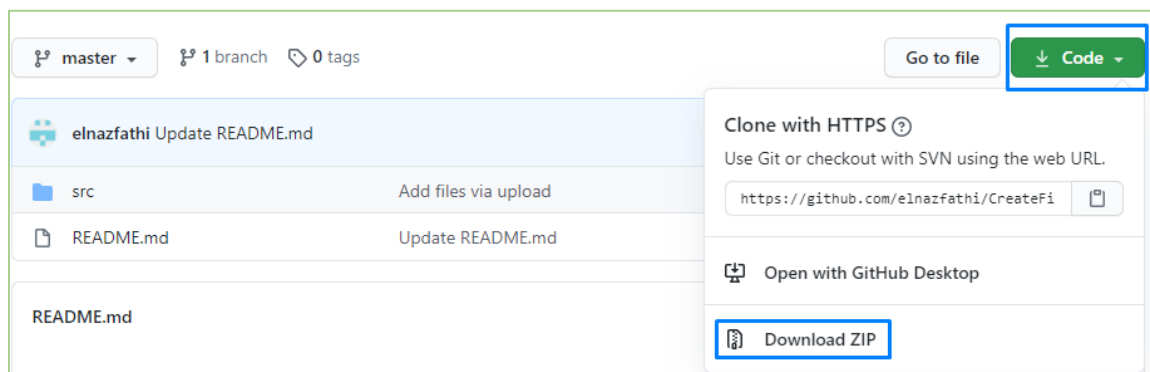
Command: pip3 install flask

Command: pip3 install jinja2

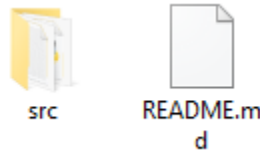
Command: pip3 install datetime

## 3- Copy/Download application code

All required files to run this web application are stored in my GitHub account and are downloadable through the link <https://github.com/elnazfathi/CreateFileWebApplication>. Click on the code button and select Download ZIP as shown below. A copy of the application files will be downloaded to your computer.



Go to the directory that you downloaded the file it. Extract it or simply double click on it. Note that GitHub adds “-master” to the end of folder name; remove it so the application containing folder name be **CreateFileWebApplication** and it should contain two items:



You can move this folder to any location that you would like to run it. You just need to know the path for **src** folder to execute this application.

#### 4- Run the application

To run this application, you need to execute the **app.py** file in src folder:

Command: `C:\Users\elnazi\Desktop\CreateFileWebApplication\src\app.py`  
*Your desktop path*

Or

Commands: `cd C:\Users\elnazi\Desktop\CreateFileWebApplication\src`  
`app.py`

#### 5- What to expect after running the application?

To run this application, we are using Python localhost server. Python comes with a simple built in HTTP server. By running the python file, your computer start listening to listening to port 5000 which is set inside the application code. The address for the application is <http://localhost:5000> which can be also accessed by IP address <http://127.0.0.1:5000/>. While your computer is listening to port 5000, the application page can be accessed using above two links.  
To close the port use ctrl+c as it suggest in the screen too.