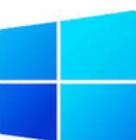
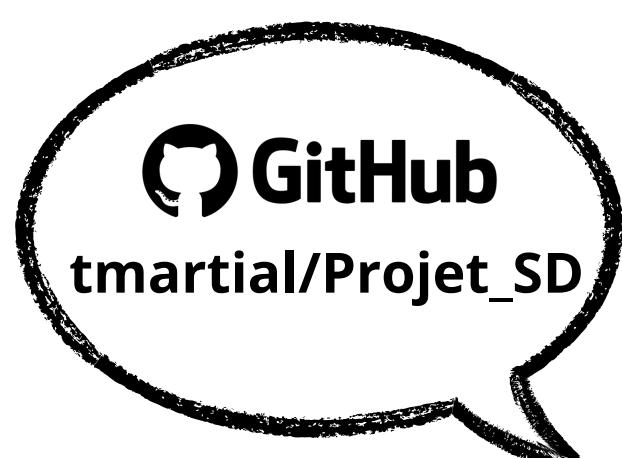


# Install EETO's software 1/2

## "Portrait-robot" generation

WINDOWS 



Before starting, open "**requirements\_WINDOWS.txt**".  
It will be easier to copy the command lines from there.

**STEP 0:** Open Window's terminal 'Invite de commandes' and copy and paste the lines of the following steps

```
invite de commandes
Microsoft Windows [version 10.0.22000.556]
(c) Microsoft Corporation. Tous droits réservés.

C:\Users\toto9>
```

**STEP 1:** After reaching the repository of your choice with `cd path/`  
Copy and paste this line in the terminal:

```
git clone https://github.com/tmartial/Projet_SD.git
```

```
invite de commandes
C:\Users\toto9\OneDrive\Documents\4BIM S2\PROJET V3\Tutoriel>git clone https://github.com/tmartial/Projet_SD.git
Cloning into 'Projet_SD'...
remote: Enumerating objects: 368, done.
remote: Counting objects: 100% (368/368), done.
remote: Compressing objects: 100% (299/299), done.
remote: Total 368 (delta 186), reused 176 (delta 63), pack-reused 0
Receiving objects: 100% (368/368), 22.67 MiB | 3.95 MiB/s
Resolving deltas: 100% (186/186), done.
```

**STEP 2:** Slide into the folder:  
`cd Projet_SD`

```
invite de commandes
C:\Users\toto9\OneDrive\Documents\4BIM S2\PROJET V3\Tutoriel>cd Projet_SD
```

# Install EETO's software 1/2

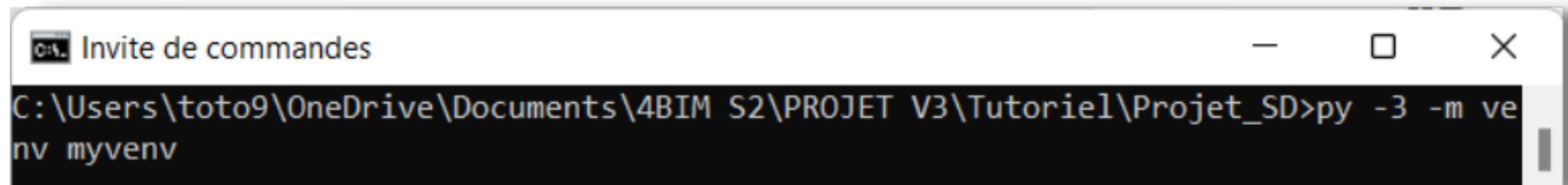
## "Portrait-robot" generation

### WINDOWS



**STEP 3:** Create a virtual environment "my" to run the software:

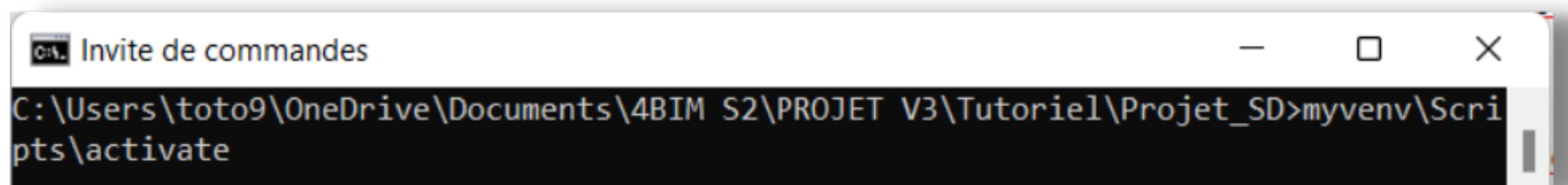
```
py -3 -m venv myvenv
```



```
C:\Users\toto9\OneDrive\Documents\4BIM S2\PROJET V3\Tutorial\Projet_SD>py -3 -m venv myvenv
```

**STEP 4:** Activate the virtual environment

```
myvenv\Scripts\activate
```



```
C:\Users\toto9\OneDrive\Documents\4BIM S2\PROJET V3\Tutorial\Projet_SD>myvenv\Scripts\activate
```

**STEP 5:** Copy and paste the following block:

we recommend to copy the block from

***requirements\_WINDOWS.txt***

```
py -m pip install numpy==1.22.3
py -m pip install Pillow==9.1.0
py -m pip install tk==0.1.0
py -m pip install keras==2.8.0
py -m pip install python-gettext==4.0
py -m pip install tensorflow==2.8.0
py -m pip install matplotlib==3.5.1
```

**STEP 6:** Run the software

```
py interface.py
```

Go to page 4 for  
the software  
tutorial

# Install EETO's software

## "Portrait-robot" generation

MAC/Linux  



Before starting, open "**requirements\_LINUX\_MAC.txt**".  
It will be easier to copy the command lines from there.

**STEP 0:** Open your terminal and copy and paste the lines of the following steps

**STEP 1:** After reaching the repository of your choice with `cd path/` Copy and  
paste this line in the terminal:

```
git clone https://github.com/tmartial/Projet_SD.git
```

**STEP 2:** Slide into the folder:

```
cd Projet_SD
```

**STEP 3:** Create a virtual environment "my to run the software:

```
python3 -m venv myvenv
```

**STEP 4:** Activate the virtual environment

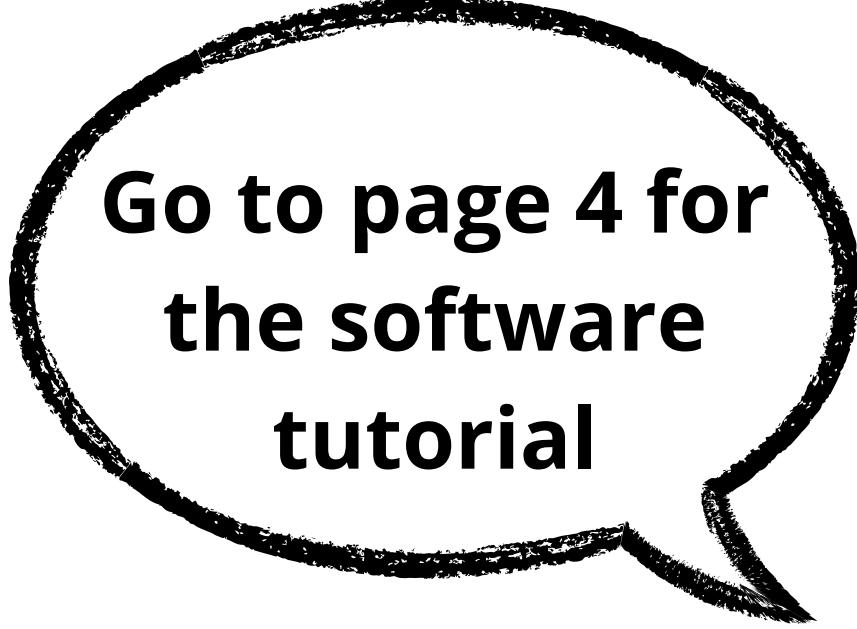
```
. myvenv/bin/activate
```

**STEP 5:** Copy and paste the following block:

we recommend to copy the block from **requirements\_LINUX\_MAC.txt**

```
python -m pip install numpy==1.22.3
python -m pip install Pillow==9.1.0
python -m pip install tk==0.1.0
python -m pip install keras==2.8.0
python -m pip install python-gettext==4.0
python -m pip install tensorflow==2.8.0
python -m pip install matplotlib==3.5.1
```

**STEP 6:** Run the software  
`python interface.py`

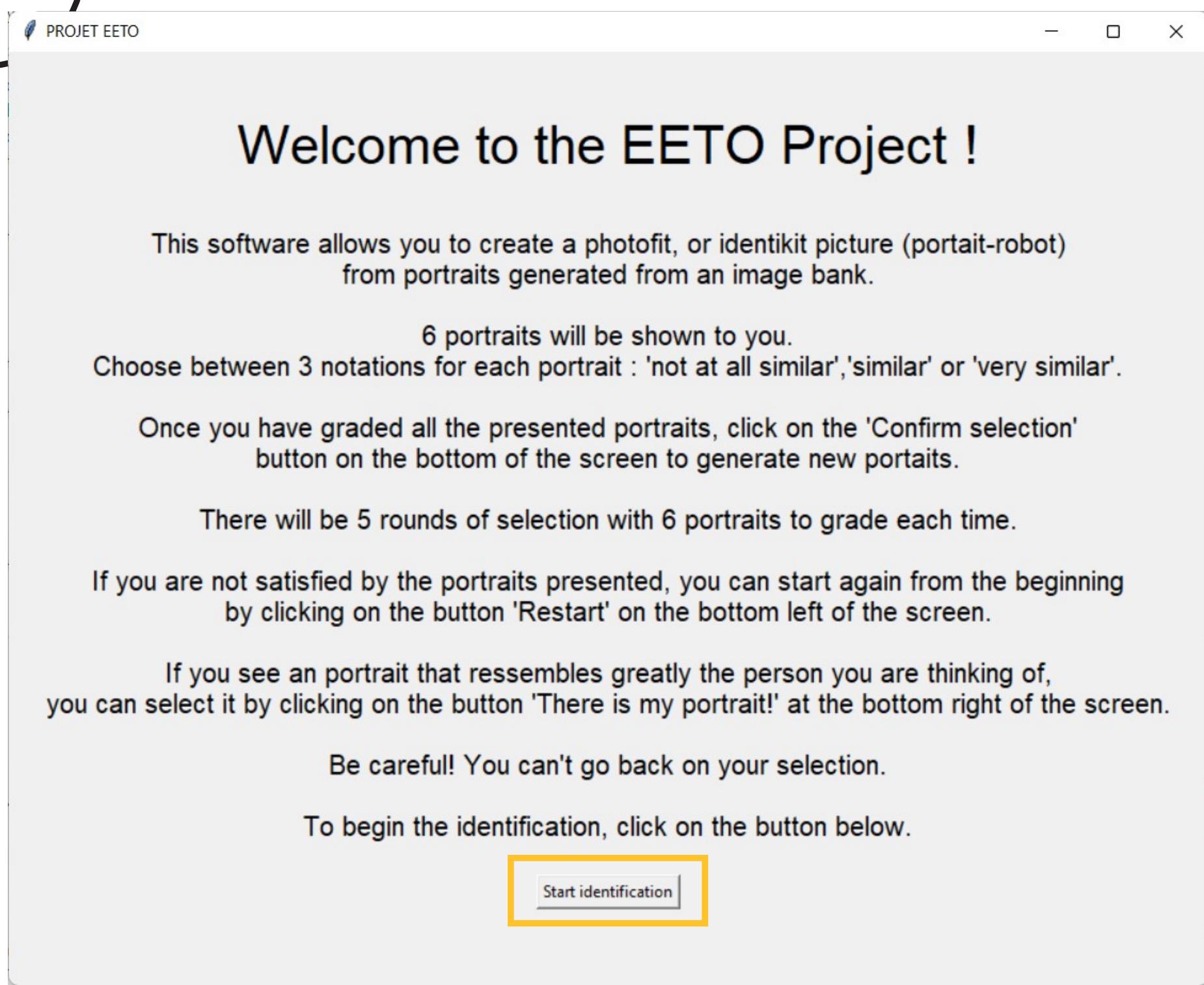


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the software  
tutorial

# Run EETO's software 1/2

## "Portrait-robot" generation

1

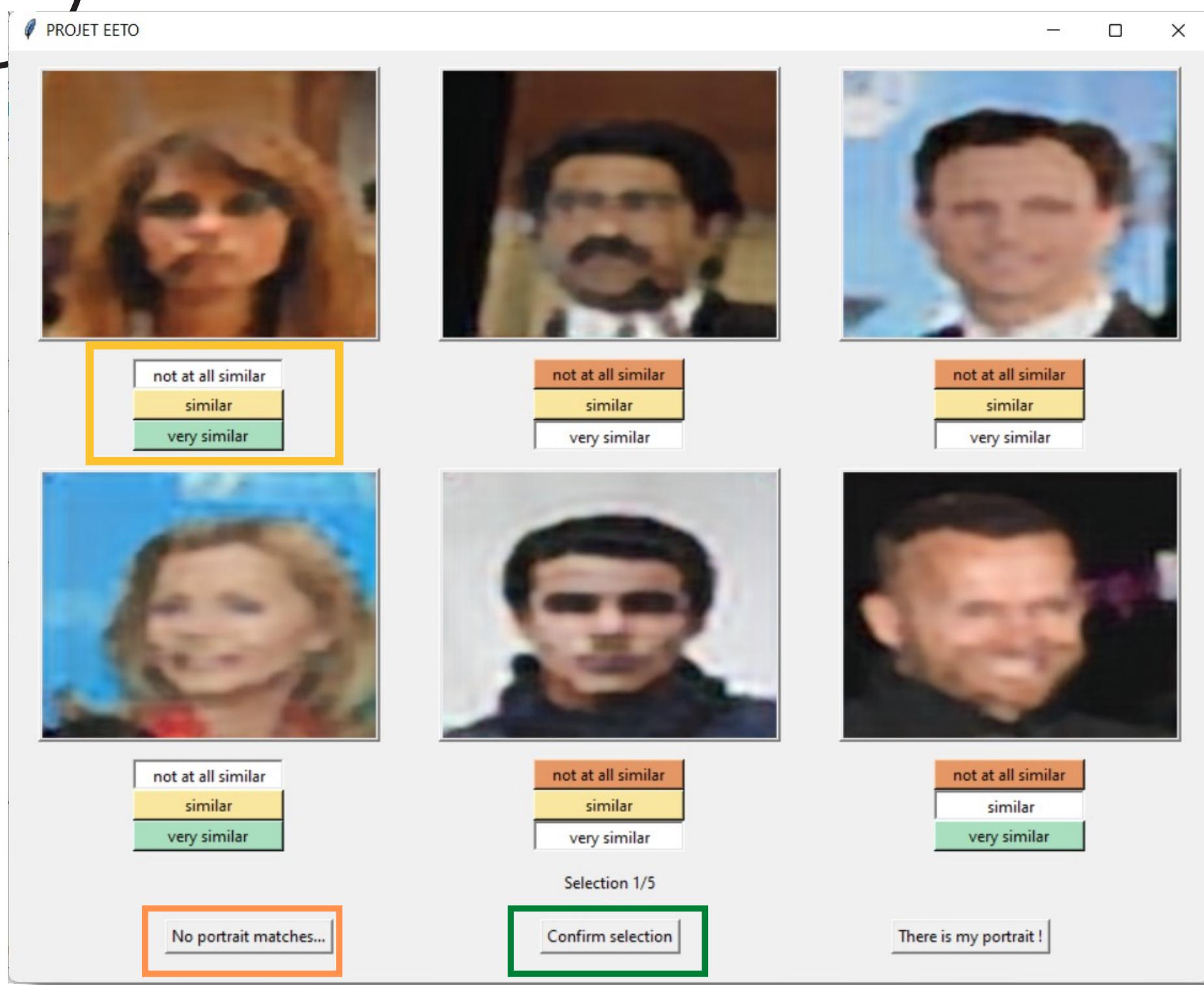


Read the instructions and click "**Start identification**"



*Let's say that the person you want to portrait looks like this from what you remember*

2



Before starting, if you don't see any portaits matching the face you have in mind, click "**No portait matches**". You can refresh as many times you want

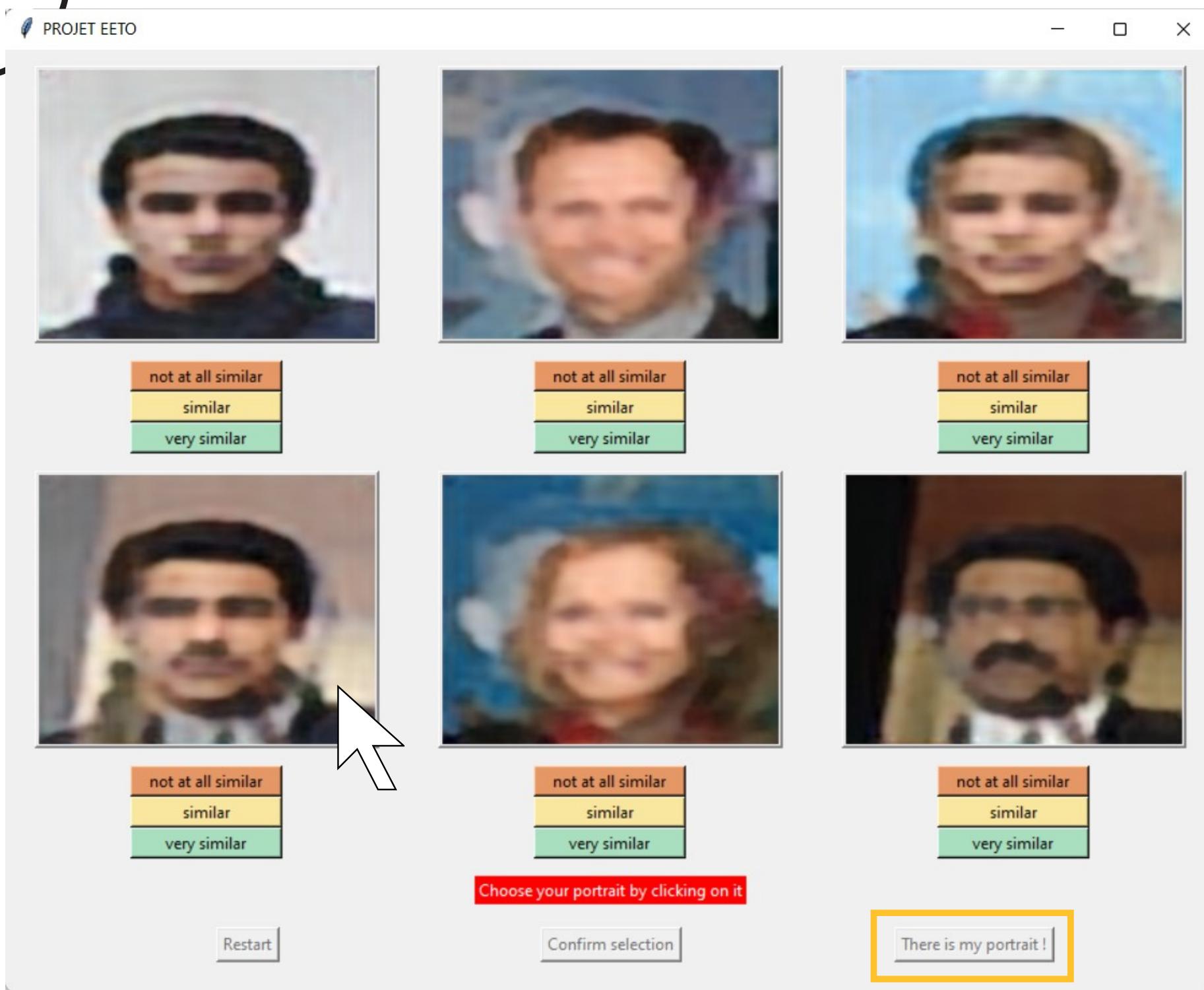
For each portrait, select one of the **three buttons**, compared to the image you have pictured in your mind

Click "**Confirm selection**" once it's done, confirm your choice, and operate the same for the new serie of portraits

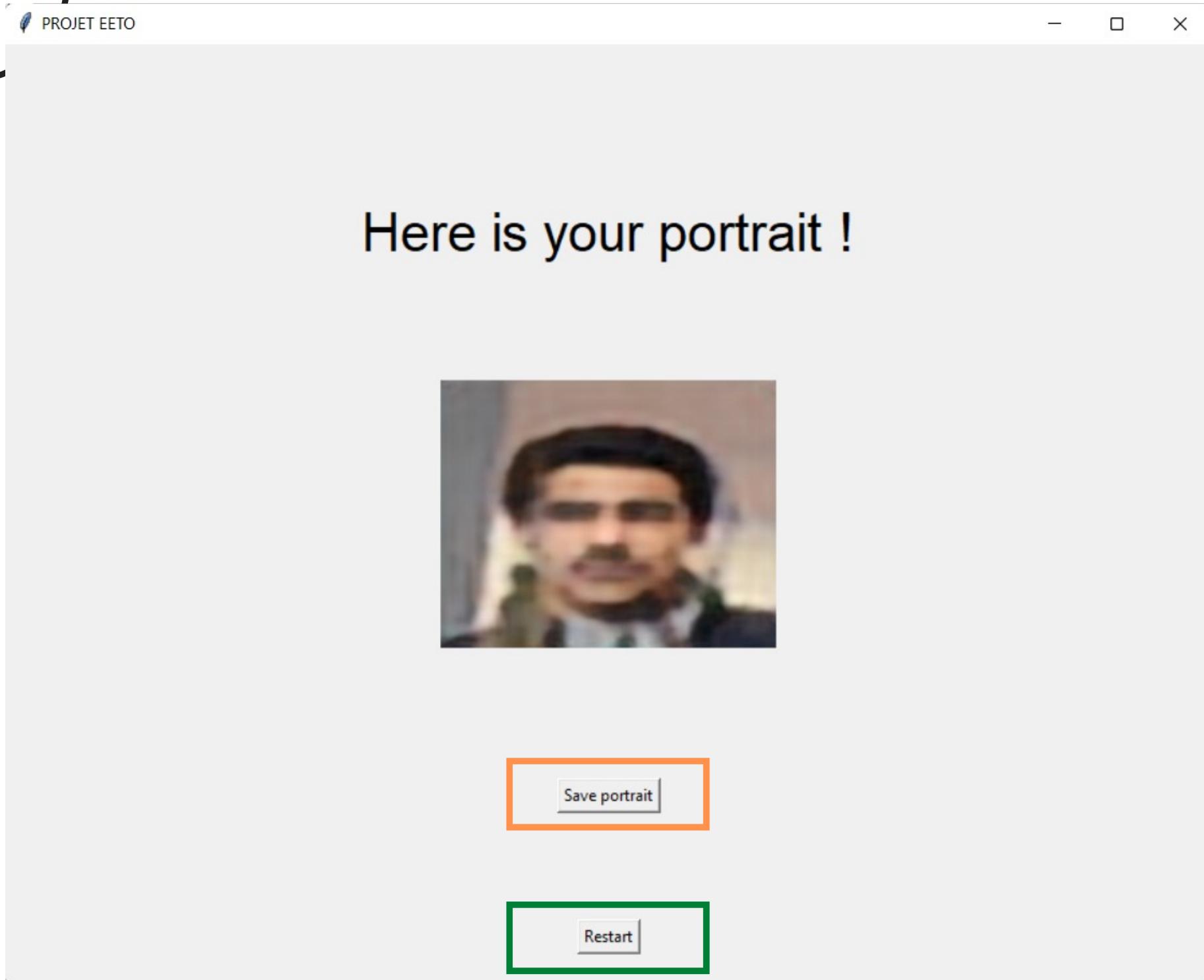
# Run EETO's software 2/2

## "Portrait-robot" generation

3



4



If you see a portrait that suits you, you can click "**There is my portrait**". If it's not the case, you can go up to five selections. You will have to pick up the best among the six final portaits, by clicking on it. 

You can **save the portait** on your computer, or **restart** the process to get a better match