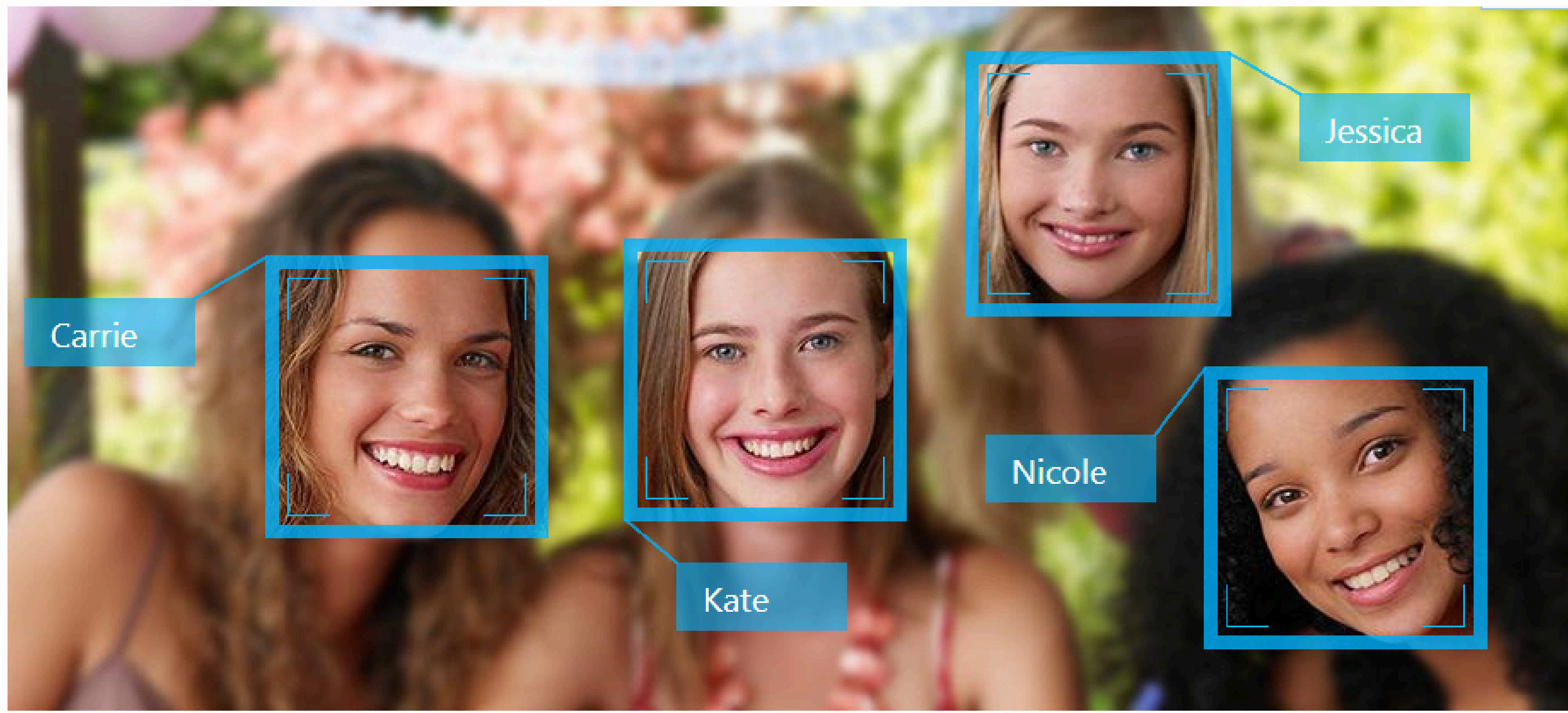


# PEOPLE RECOGNIZER



# FACE RECOGNIZER



**Full Name: Foulen Fouleni**

**Age: 66 years (born February 25, 1964)**

**Weight: Approximately 78 kg (172 lbs)**

**Nationality: Tunisian**

**Sex: Male**

# INSTALLING FACE RECOGNITION



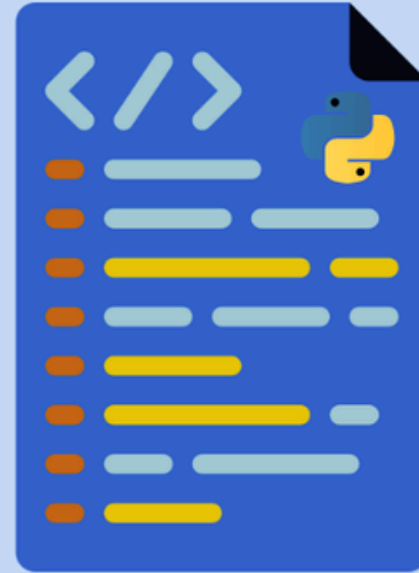
```
pip install dlib
```

```
pip install face_recognition
```

# FACE ENCODING



```
[ -0.16597123  0.11949642  0.10122138 -0.12254387 -0.11838274 -0.02759848
  0.01384261 -0.07288168  0.06527785 -0.13963827  0.17559825 -0.08519795
 -0.25028906 -0.0102928  -0.01079375  0.21948609 -0.21553843 -0.19072869
 -0.13214052 -0.10856642  0.01477439  0.07908501 -0.05431245  0.11583221
 -0.1715932  -0.23868942 -0.10927209 -0.01475592  0.01510147 -0.08837818
 -0.00252565  0.03029939 -0.17696191  0.00717495  0.04937807  0.12862331
 -0.01091681 -0.09640069  0.1934087  0.01389313 -0.23863317  0.01766105
  0.15954995  0.26412117  0.21739453 -0.00336392 -0.03702538 -0.05539587
  0.10163558 -0.28075284  0.05129996  0.20316276  0.02803321  0.16820049
 -0.02042791 -0.12237336 -0.00515839  0.22946236 -0.21929839  0.03012473
  0.10334508 -0.19385433  0.010464  -0.1046315  0.159848  0.14616895
 -0.19181267 -0.22495562  0.19514428 -0.23470432 -0.11755507  0.07461189
 -0.0839375  -0.09592333 -0.35081255  0.03915626  0.32692659  0.20959754
 -0.10889891 -0.01162777 -0.09144997 -0.02747694  0.00839157  0.15324235
 -0.02081387 -0.0425766  -0.06370837  0.0559925  0.19876704  0.04837478
  0.00898859  0.25267416  0.04914283  0.0009048  0.00353496  0.14037418
 -0.15166469 -0.07702  -0.10442869  0.03603458 -0.10455432 -0.05006842
  0.01399595  0.18746354 -0.10759938  0.24044091 -0.03882578 -0.01190661
 -0.12068785  0.03638472 -0.02094681 -0.02857181  0.10984001 -0.22919109
  0.14735889  0.20415246 -0.00772358  0.09734803  0.10852756  0.12523061
 -0.03349054 -0.08732443 -0.17586364 -0.09488015  0.04729999 -0.0654182
  0.10575557  0.07663471]
```



# Python OS Module

```
path = '/Users/ramy/Desktop'
```

## **os.listdir(path)**

Returns a list of all files and directories in the specified path

## **os.chdir(path)**

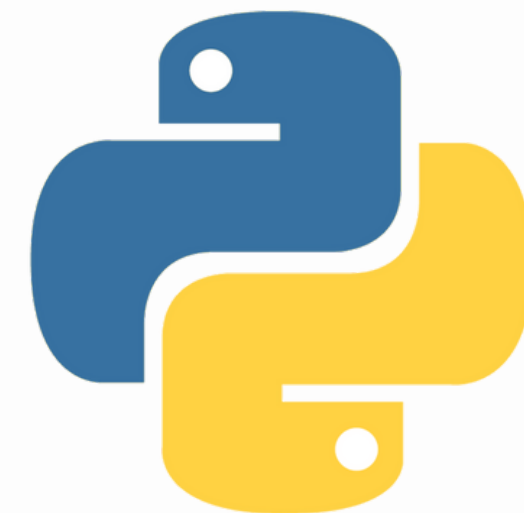
Changes the current working directory to the specified path

## **os.mkdir(path)**

create a new directory at the specified path

## **os.path.exists(path)**

Returns True if the specified path exists, otherwise False



# FILE HANDLING IN PYTHON



# OPEN/CREATE A FILE

**myFile = open( fileName , mode )**

**myFile = open( ' notes.txt ', 'r' )**

**myCFile = open( ' code.c ', 'a' )**

*file type*

**'r' : Reading Mode**  
**'w' : Writing mode**  
**'a' : Appending Mode**