```
 1 /usr/local/Cellar/python/2.7.14/Frameworks/Python.framework/Versions/2.7/bin/python2.7 /Users/
   NancyFan/workspace/RomanUU/landmark_face.py
 2 load neutral pics
 3 ...Neutral emotion: [56.938511326860784, 121.69579288025889, 74.62135922330091, 104.
   00000000000003, 100.25566343042078, 98.1294498381877, 126.78317152103564, 100.85760517799349,
   152.85113268608433, 109.47249190938501, 193.83495145631073, 109.14563106796126, 219.
   27508090614896, 99.71844660194168, 245.90614886731396, 96.41747572815542, 271.7346278317146,
   101.60194174757275, 290.12944983818795, 118.94822006472492, 87.58252427184472, 143.
   38834951456292, 102.34304207119733, 133.20388349514596, 121.34951456310687, 132.66990291262132
   , 138.65372168284802, 144.7411003236246, 120.5760517799353, 149.3398058252426, 101.
   71521035598698, 149.90938511326854, 209.64401294498387, 143.92880258899686, 226.12297734627836
   , 131.64077669902915, 245.26537216828478, 131.48220064724958, 260.9158576051779, 141.
   3915857605178, 246.24595469255664, 148.19417475728167, 227.08414239482187, 147.93527508090614,
   124.80258899676369, 271.9902912621359, 143.2686084142395, 260.495145631068, 161.54368932038852
   , 253.24271844660203, 175.42394822006455, 256.96440129449854, 188.43042071197414, 252.
   99029126213603, 207.10032362459526, 259.5889967637538, 226.4983818770226, 270.49190938511333,
   218.3527508090615, 270.3656957928802, 189.01294498381878, 267.23624595469295, 175.
   58576051779934, 268.8770226537219, 161.51456310679617, 267.42071197411025, 132.93851132686072,
   271.66343042071145, 226.4983818770226, 270.49190938511333, 208.06148867313934, 282.
   11003236245983, 190.11326860841433, 287.72815533980577, 176.0000000000002, 289.1326860841426,
   161.26213592232986, 288.03559870550185, 143.346278317152, 282.909385113269, 124.80258899676369
   , 271.9902912621359, 132.93851132686072, 271.66343042071145, 161.5469255663433, 268.
   6019417475732, 175.56634304207128, 270.1618122977345, 189.0388349514562, 268.3462783171525, 218
   .3527508090615, 270.3656957928802]
 4 load anger pics
 5 load contempt pics
 6 load disgust pics
 7 load fear pics
 8 load happy pics
 9 load sadness pics
10 load surprise pics
11 load data END
12 (334, 92) [[ -6.93851133   4.30420712  -0.62135922 ...,  -7.34627832  -0.35275081
```

```
13       -9.36569579]
14  [ -7.93851133  10.30420712  -7.62135922 ...,  -4.34627832  10.64724919
15    -11.36569579]
16  [ -7.93851133  18.30420712 -10.62135922 ...,  -2.34627832   6.64724919
17      0.63430421]
18  ...,
19  [ 11.06148867  -3.69579288   9.37864078 ...,  31.65372168  -8.35275081
20     17.63430421]
21  [  6.06148867 -11.69579288   3.37864078 ...,  42.65372168 -16.35275081
22     23.63430421]
23  [ -4.93851133  -2.69579288  -4.62135922 ...,  43.65372168  -4.35275081
24     28.63430421]]
25  (334,) [1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
26   1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3
27   3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
28   3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 5 5
29   5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
30   5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
31   5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7
32   7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
33   7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
34   7]
35  (309, 92) [[  0.           0.           0.         ...,  0.           0.           0.         ]
36  [  4.06148867  -3.69579288   4.37864078 ...,   5.65372168  -4.35275081
37      3.63430421]
38  [ -1.93851133  -0.69579288  -1.62135922 ...,  -0.34627832  11.64724919
39      3.63430421]
40  ...,
41  [  6.06148867   7.30420712   3.37864078 ...,   0.65372168  -5.35275081
42      0.63430421]
43  [  2.06148867  -4.69579288   3.37864078 ...,   4.65372168  -3.35275081
44      3.63430421]
45  [ -6.93851133  -2.69579288  -3.62135922 ...,  10.65372168   7.64724919
```

```
46        1.63430421]]
47 309
48 (334, 92) (334,) (309, 92) 309
49
50 Detect neutral... label neutral implies mode...
51 [ 0.6744186   0.62015504  0.93023256  0.74418605  0.68503937]
52 Accuracy: 0.73 (+/- 0.21)
53 [ 0.56589147  0.65891473  0.80620155  0.80620155  0.81102362]
54 Accuracy: 0.73 (+/- 0.20)
55 [ 0.58139535  0.55813953  0.52713178  0.6124031   0.57480315]
56 Accuracy: 0.57 (+/- 0.06)
57 [ 0.45736434  0.56589147  0.41860465  0.43410853  0.30708661]
58 Accuracy: 0.44 (+/- 0.17)
59
60 Classify emotion, label None implies mode...
61 [ 0.91304348  0.88405797  0.89705882  0.828125    0.8125    ]
62 Accuracy: 0.87 (+/- 0.08)
63 [ 0.69565217  0.79710145  0.77941176  0.734375    0.78125   ]
64 Accuracy: 0.76 (+/- 0.07)
65 [ 0.26086957  0.24637681  0.25        0.265625    0.25      ]
66 Accuracy: 0.25 (+/- 0.01)
67 [ 0.42028986  0.39130435  0.52941176  0.5         0.578125  ]
68 Accuracy: 0.48 (+/- 0.14)
69
70 Process finished with exit code 0
71
```