Open in Colab

LookForJayChou

寻找周杰伦

用于练习图像检索会很有意思的样子

十年前我也是饭圈男孩！

┳⑩哖騚珴也逞飯圈楠孓亥！_/~↘

有那味了，开搞

Copyright

北京航空航天大学 **ZF1921335** https://github.com/SUTFutureCoder/LookForJayChou

数据集来源

数据集来源于十个明星的面部数据集

Let's roll

第一步直接从Google硬盘解压数据集

In [0]:

```
!unzip /content/drive/My\ Drive/AIColab/LookForJayChou/images.zip
```

```
Archive:  /content/drive/My Drive/AIColab/LookForJayChou/images.zip
   creating: images/
   creating: images/face/
   creating: images/face/fanbingbing/
  inflating: images/face/fanbingbing/1.png
  inflating: images/face/fanbingbing/10.png
  inflating: images/face/fanbingbing/101.png
  inflating: images/face/fanbingbing/102.png
  inflating: images/face/fanbingbing/103.png
  inflating: images/face/fanbingbing/104.png
  inflating: images/face/fanbingbing/105.png
  inflating: images/face/fanbingbing/106.png
  inflating: images/face/fanbingbing/108.png
  inflating: images/face/fanbingbing/109.png
  inflating: images/face/fanbingbing/11.png
  inflating: images/face/fanbingbing/110.png
  inflating: images/face/fanbingbing/111.png
  inflating: images/face/fanbingbing/112.png
  inflating: images/face/fanbingbing/114.png
  inflating: images/face/fanbingbing/115.png
  inflating: images/face/fanbingbing/118.png
  inflating: images/face/fanbingbing/119.png
  inflating: images/face/fanbingbing/12.png
  inflating: images/face/fanbingbing/120.png
  inflating: images/face/fanbingbing/121.png
  inflating: images/face/fanbingbing/122.png
  inflating: images/face/fanbingbing/123.png
  inflating: images/face/fanbingbing/124.png
  inflating: images/face/fanbingbing/125.png
  inflating: images/face/fanbingbing/126.png
  inflating: images/face/fanbingbing/127.png
  inflating: images/face/fanbingbing/128.png
```

```
inflating: images/face/fanbingbing/129.png
inflating: images/face/fanbingbing/13.png
inflating: images/face/fanbingbing/130.png
inflating: images/face/fanbingbing/132.png
inflating: images/face/fanbingbing/133.png
inflating: images/face/fanbingbing/134.png
inflating: images/face/fanbingbing/135.png
inflating: images/face/fanbingbing/136.png
inflating: images/face/fanbingbing/138.png
inflating: images/face/fanbingbing/14.png
inflating: images/face/fanbingbing/140.png
inflating: images/face/fanbingbing/141.png
inflating: images/face/fanbingbing/142.png
inflating: images/face/fanbingbing/143.png
inflating: images/face/fanbingbing/144.png
inflating: images/face/fanbingbing/145.png
inflating: images/face/fanbingbing/146.png
inflating: images/face/fanbingbing/147.png
inflating: images/face/fanbingbing/149.png
inflating: images/face/fanbingbing/150.png
inflating: images/face/fanbingbing/151.png
inflating: images/face/fanbingbing/152.png
inflating: images/face/fanbingbing/153.png
inflating: images/face/fanbingbing/154.png
inflating: images/face/fanbingbing/155.png
inflating: images/face/fanbingbing/156.png
inflating: images/face/fanbingbing/157.png
inflating: images/face/fanbingbing/158.png
inflating: images/face/fanbingbing/159.png
inflating: images/face/fanbingbing/16.png
inflating: images/face/fanbingbing/160.png
inflating: images/face/fanbingbing/161.png
inflating: images/face/fanbingbing/162.png
inflating: images/face/fanbingbing/163.png
inflating: images/face/fanbingbing/165.png
inflating: images/face/fanbingbing/166.png
inflating: images/face/fanbingbing/167.png
inflating: images/face/fanbingbing/168.png
inflating: images/face/fanbingbing/169.png
inflating: images/face/fanbingbing/17.png
inflating: images/face/fanbingbing/170.png
inflating: images/face/fanbingbing/171.png
inflating: images/face/fanbingbing/172.png
inflating: images/face/fanbingbing/174.png
inflating: images/face/fanbingbing/175.png
inflating: images/face/fanbingbing/176.png
inflating: images/face/fanbingbing/177.png
inflating: images/face/fanbingbing/178.png
inflating: images/face/fanbingbing/18.png
inflating: images/face/fanbingbing/180.png
inflating: images/face/fanbingbing/182.png
inflating: images/face/fanbingbing/183.png
inflating: images/face/fanbingbing/184.png
inflating: images/face/fanbingbing/185.png
inflating: images/face/fanbingbing/186.png
inflating: images/face/fanbingbing/187.png
inflating: images/face/fanbingbing/188.png
inflating: images/face/fanbingbing/189.png
inflating: images/face/fanbingbing/19.png
inflating: images/face/fanbingbing/191.png
inflating: images/face/fanbingbing/193.png
inflating: images/face/fanbingbing/195.png
inflating: images/face/fanbingbing/197.png
inflating: images/face/fanbingbing/198.png
inflating: images/face/fanbingbing/2.png
inflating: images/face/fanbingbing/20.png
inflating: images/face/fanbingbing/200.png
inflating: images/face/fanbingbing/203.png
inflating: images/face/fanbingbing/205.png
inflating: images/face/fanbingbing/206.png
inflating: images/face/fanbingbing/207.png
inflating: images/face/fanbingbing/209.png
```

```
inflating: images/face/fanbingbing/21.png
inflating: images/face/fanbingbing/23.png
inflating: images/face/fanbingbing/24.png
inflating: images/face/fanbingbing/25.png
inflating: images/face/fanbingbing/26.png
inflating: images/face/fanbingbing/28.png
inflating: images/face/fanbingbing/29.png
inflating: images/face/fanbingbing/3.png
inflating: images/face/fanbingbing/30.png
inflating: images/face/fanbingbing/31.png
inflating: images/face/fanbingbing/32.png
inflating: images/face/fanbingbing/35.png
inflating: images/face/fanbingbing/36.png
inflating: images/face/fanbingbing/37.png
inflating: images/face/fanbingbing/38.png
inflating: images/face/fanbingbing/39.png
inflating: images/face/fanbingbing/3d5855b0-ea50-11e9-bb89-b025aa21b04b.jpg
inflating: images/face/fanbingbing/3dd5a692-ea51-11e9-91e9-b025aa21b04b.jpg
inflating: images/face/fanbingbing/3dfe6440-ea51-11e9-bc4f-b025aa21b04b.jpg
inflating: images/face/fanbingbing/3e39dc12-ea50-11e9-88fe-b025aa21b04b.jpg
inflating: images/face/fanbingbing/3e7a7212-ea51-11e9-9c46-b025aa21b04b.jpg
inflating: images/face/fanbingbing/3eb52692-ea50-11e9-bf07-b025aa21b04b.jpg
inflating: images/face/fanbingbing/3f823a92-ea50-11e9-a393-b025aa21b04b.jpg
inflating: images/face/fanbingbing/3fc5fa52-ea50-11e9-ae94-b025aa21b04b.jpg
inflating: images/face/fanbingbing/4.png
inflating: images/face/fanbingbing/40.png
inflating: images/face/fanbingbing/4015a0f0-ea50-11e9-a9c7-b025aa21b04b.jpg
inflating: images/face/fanbingbing/4035fa30-ea50-11e9-b2b7-b025aa21b04b.jpg
inflating: images/face/fanbingbing/405960b0-ea50-11e9-b12c-b025aa21b04b.jpg
inflating: images/face/fanbingbing/408a82d2-ea50-11e9-9a65-b025aa21b04b.jpg
inflating: images/face/fanbingbing/41.png
inflating: images/face/fanbingbing/4166b200-ea50-11e9-9c99-b025aa21b04b.jpg
inflating: images/face/fanbingbing/41afc8f0-ea50-11e9-9de0-b025aa21b04b.jpg
inflating: images/face/fanbingbing/41c6ac52-ea50-11e9-81a8-b025aa21b04b.jpg
inflating: images/face/fanbingbing/42.png
inflating: images/face/fanbingbing/43.png
inflating: images/face/fanbingbing/44.png
inflating: images/face/fanbingbing/45.png
inflating: images/face/fanbingbing/46.png
inflating: images/face/fanbingbing/47.png
inflating: images/face/fanbingbing/48.png
inflating: images/face/fanbingbing/49.png
inflating: images/face/fanbingbing/5.png
inflating: images/face/fanbingbing/50.png
inflating: images/face/fanbingbing/51.png
inflating: images/face/fanbingbing/52.png
inflating: images/face/fanbingbing/53.png
inflating: images/face/fanbingbing/54.png
inflating: images/face/fanbingbing/54e22ee2-ea50-11e9-9ba8-b025aa21b04b.jpg
inflating: images/face/fanbingbing/55.png
inflating: images/face/fanbingbing/55183300-ea50-11e9-922a-b025aa21b04b.jpg
inflating: images/face/fanbingbing/56.png
inflating: images/face/fanbingbing/57.png
inflating: images/face/fanbingbing/58.png
inflating: images/face/fanbingbing/59.png
inflating: images/face/fanbingbing/6.png
inflating: images/face/fanbingbing/60.png
inflating: images/face/fanbingbing/61.png
inflating: images/face/fanbingbing/62.png
inflating: images/face/fanbingbing/63.png
inflating: images/face/fanbingbing/64.png
inflating: images/face/fanbingbing/65.png
inflating: images/face/fanbingbing/66.png
inflating: images/face/fanbingbing/67.png
inflating: images/face/fanbingbing/68.png
inflating: images/face/fanbingbing/69.png
inflating: images/face/fanbingbing/7.png
inflating: images/face/fanbingbing/70.png
inflating: images/face/fanbingbing/71.png
inflating: images/face/fanbingbing/72.png
inflating: images/face/fanbingbing/73.png
inflating: images/face/fanbingbing/75.png
```

```
 inflating: images/face/fanbingbing/76.png
 inflating: images/face/fanbingbing/77.png
 inflating: images/face/fanbingbing/78.png
 inflating: images/face/fanbingbing/79.png
 inflating: images/face/fanbingbing/8.png
 inflating: images/face/fanbingbing/80.png
 inflating: images/face/fanbingbing/81.png
 inflating: images/face/fanbingbing/82.png
 inflating: images/face/fanbingbing/83.png
 inflating: images/face/fanbingbing/84.png
 inflating: images/face/fanbingbing/86.png
 inflating: images/face/fanbingbing/87.png
 inflating: images/face/fanbingbing/88.png
 inflating: images/face/fanbingbing/89.png
 inflating: images/face/fanbingbing/90.png
 inflating: images/face/fanbingbing/91.png
 inflating: images/face/fanbingbing/92.png
 inflating: images/face/fanbingbing/93.png
 inflating: images/face/fanbingbing/94.png
 inflating: images/face/fanbingbing/95.png
 inflating: images/face/fanbingbing/96.png
 inflating: images/face/fanbingbing/97.png
 inflating: images/face/fanbingbing/98.png
 inflating: images/face/fanbingbing/99.png
  creating: images/face/jiangwen/
 inflating: images/face/jiangwen/1.png
extracting: images/face/jiangwen/10.png
extracting: images/face/jiangwen/11.png
extracting: images/face/jiangwen/12.png
extracting: images/face/jiangwen/13.png
extracting: images/face/jiangwen/14.png
extracting: images/face/jiangwen/15.png
extracting: images/face/jiangwen/16.png
extracting: images/face/jiangwen/17.png
extracting: images/face/jiangwen/18.png
extracting: images/face/jiangwen/19.png
extracting: images/face/jiangwen/2.png
extracting: images/face/jiangwen/20.png
extracting: images/face/jiangwen/21.png
extracting: images/face/jiangwen/22.png
extracting: images/face/jiangwen/23.png
extracting: images/face/jiangwen/24.png
extracting: images/face/jiangwen/25.png
extracting: images/face/jiangwen/26.png
extracting: images/face/jiangwen/27.png
extracting: images/face/jiangwen/28.png
extracting: images/face/jiangwen/29.png
extracting: images/face/jiangwen/3.png
extracting: images/face/jiangwen/30.png
extracting: images/face/jiangwen/31.png
extracting: images/face/jiangwen/32.png
extracting: images/face/jiangwen/33.png
extracting: images/face/jiangwen/34.png
extracting: images/face/jiangwen/35.png
extracting: images/face/jiangwen/36.png
extracting: images/face/jiangwen/37.png
extracting: images/face/jiangwen/38.png
extracting: images/face/jiangwen/39.png
extracting: images/face/jiangwen/4.png
extracting: images/face/jiangwen/40.png
extracting: images/face/jiangwen/41.png
extracting: images/face/jiangwen/42.png
extracting: images/face/jiangwen/43.png
extracting: images/face/jiangwen/44.png
extracting: images/face/jiangwen/45.png
extracting: images/face/jiangwen/46.png
extracting: images/face/jiangwen/47.png
extracting: images/face/jiangwen/48.png
extracting: images/face/jiangwen/49.png
extracting: images/face/jiangwen/5.png
extracting: images/face/jiangwen/50.png
extracting: images/face/jiangwen/51.png
```

```
extracting: images/face/jiangwen/52.png
extracting: images/face/jiangwen/53.png
extracting: images/face/jiangwen/54.png
extracting: images/face/jiangwen/55.png
extracting: images/face/jiangwen/56.png
extracting: images/face/jiangwen/57.png
extracting: images/face/jiangwen/58.png
extracting: images/face/jiangwen/59.png
extracting: images/face/jiangwen/6.png
extracting: images/face/jiangwen/60.png
extracting: images/face/jiangwen/61.png
extracting: images/face/jiangwen/62.png
extracting: images/face/jiangwen/63.png
extracting: images/face/jiangwen/7.png
extracting: images/face/jiangwen/8.png
extracting: images/face/jiangwen/9.png
  creating: images/face/liangjiahui/
 inflating: images/face/liangjiahui/1.png
 inflating: images/face/liangjiahui/10.png
extracting: images/face/liangjiahui/100.png
 inflating: images/face/liangjiahui/101.png
extracting: images/face/liangjiahui/102.png
extracting: images/face/liangjiahui/103.png
extracting: images/face/liangjiahui/104.png
extracting: images/face/liangjiahui/105.png
extracting: images/face/liangjiahui/106.png
extracting: images/face/liangjiahui/107.png
extracting: images/face/liangjiahui/108.png
extracting: images/face/liangjiahui/109.png
 inflating: images/face/liangjiahui/11.png
extracting: images/face/liangjiahui/110.png
extracting: images/face/liangjiahui/111.png
extracting: images/face/liangjiahui/112.png
 inflating: images/face/liangjiahui/113.png
extracting: images/face/liangjiahui/114.png
extracting: images/face/liangjiahui/115.png
extracting: images/face/liangjiahui/116.png
extracting: images/face/liangjiahui/117.png
extracting: images/face/liangjiahui/118.png
extracting: images/face/liangjiahui/119.png
 inflating: images/face/liangjiahui/12.png
 inflating: images/face/liangjiahui/13.png
 inflating: images/face/liangjiahui/130.png
 inflating: images/face/liangjiahui/149.png
 inflating: images/face/liangjiahui/15.png
 inflating: images/face/liangjiahui/150.png
 inflating: images/face/liangjiahui/16.png
 inflating: images/face/liangjiahui/161.png
 inflating: images/face/liangjiahui/17.png
 inflating: images/face/liangjiahui/18.png
 inflating: images/face/liangjiahui/19.png
 inflating: images/face/liangjiahui/2.png
 inflating: images/face/liangjiahui/20.png
 inflating: images/face/liangjiahui/21.png
 inflating: images/face/liangjiahui/219e7c80-ea52-11e9-a6d3-b025aa21b04b.jpg
 inflating: images/face/liangjiahui/22.png
 inflating: images/face/liangjiahui/22127400-ea52-11e9-b25b-b025aa21b04b.jpg
 inflating: images/face/liangjiahui/22635322-ea52-11e9-ac82-b025aa21b04b.jpg
 inflating: images/face/liangjiahui/23.png
 inflating: images/face/liangjiahui/24.png
 inflating: images/face/liangjiahui/25.png
 inflating: images/face/liangjiahui/26.png
 inflating: images/face/liangjiahui/27.png
 inflating: images/face/liangjiahui/28.png
 inflating: images/face/liangjiahui/29.png
 inflating: images/face/liangjiahui/3.png
 inflating: images/face/liangjiahui/30.png
 inflating: images/face/liangjiahui/31.png
 inflating: images/face/liangjiahui/312e6752-ea52-11e9-a61e-b025aa21b04b.jpg
extracting: images/face/liangjiahui/32.png
 inflating: images/face/liangjiahui/33.png
 inflating: images/face/liangjiahui/33215db0-ea52-11e9-bbd0-b025aa21b04b.jpg
```

```
 inflating: images/face/liangjiahui/34.png
 inflating: images/face/liangjiahui/35.png
 inflating: images/face/liangjiahui/36.png
 inflating: images/face/liangjiahui/37.png
 inflating: images/face/liangjiahui/38.png
 inflating: images/face/liangjiahui/39.png
 inflating: images/face/liangjiahui/4.png
 inflating: images/face/liangjiahui/40.png
 inflating: images/face/liangjiahui/41.png
 inflating: images/face/liangjiahui/42.png
 inflating: images/face/liangjiahui/43.png
 inflating: images/face/liangjiahui/44.png
 inflating: images/face/liangjiahui/45.png
 inflating: images/face/liangjiahui/46.png
 inflating: images/face/liangjiahui/47.png
 inflating: images/face/liangjiahui/48.png
 inflating: images/face/liangjiahui/49.png
 inflating: images/face/liangjiahui/5.png
 inflating: images/face/liangjiahui/50.png
 inflating: images/face/liangjiahui/51.png
 inflating: images/face/liangjiahui/52.png
 inflating: images/face/liangjiahui/53.png
 inflating: images/face/liangjiahui/54.png
extracting: images/face/liangjiahui/55.png
extracting: images/face/liangjiahui/56.png
extracting: images/face/liangjiahui/57.png
extracting: images/face/liangjiahui/58.png
extracting: images/face/liangjiahui/59.png
 inflating: images/face/liangjiahui/6.png
extracting: images/face/liangjiahui/60.png
extracting: images/face/liangjiahui/61.png
extracting: images/face/liangjiahui/62.png
extracting: images/face/liangjiahui/63.png
extracting: images/face/liangjiahui/64.png
extracting: images/face/liangjiahui/65.png
extracting: images/face/liangjiahui/66.png
extracting: images/face/liangjiahui/67.png
extracting: images/face/liangjiahui/68.png
extracting: images/face/liangjiahui/69.png
 inflating: images/face/liangjiahui/7.png
extracting: images/face/liangjiahui/70.png
extracting: images/face/liangjiahui/71.png
 inflating: images/face/liangjiahui/72.png
extracting: images/face/liangjiahui/73.png
extracting: images/face/liangjiahui/74.png
extracting: images/face/liangjiahui/75.png
extracting: images/face/liangjiahui/76.png
extracting: images/face/liangjiahui/77.png
extracting: images/face/liangjiahui/78.png
extracting: images/face/liangjiahui/79.png
 inflating: images/face/liangjiahui/8.png
extracting: images/face/liangjiahui/80.png
extracting: images/face/liangjiahui/81.png
extracting: images/face/liangjiahui/82.png
 inflating: images/face/liangjiahui/83.png
 inflating: images/face/liangjiahui/84.png
extracting: images/face/liangjiahui/85.png
extracting: images/face/liangjiahui/86.png
extracting: images/face/liangjiahui/87.png
extracting: images/face/liangjiahui/88.png
 inflating: images/face/liangjiahui/89.png
 inflating: images/face/liangjiahui/9.png
extracting: images/face/liangjiahui/90.png
extracting: images/face/liangjiahui/91.png
extracting: images/face/liangjiahui/92.png
extracting: images/face/liangjiahui/93.png
extracting: images/face/liangjiahui/94.png
extracting: images/face/liangjiahui/95.png
extracting: images/face/liangjiahui/96.png
extracting: images/face/liangjiahui/97.png
extracting: images/face/liangjiahui/98.png
extracting: images/face/liangjiahui/99.png
```

```
extracting: images/face/liangjiahui/╬в╨╨╬═╝_20191012132349.png
extracting: images/face/liangjiahui/╬в╨╨╬═╝_20191012132548.png
extracting: images/face/liangjiahui/╬в╨╨╬═╝_20191012132555.png
 inflating: images/face/liangjiahui/╬в╨╨╬═╝_20191012132655.png
extracting: images/face/liangjiahui/╬в╨╨╬═╝_20191012132912.png
extracting: images/face/liangjiahui/╬в╨╨╬═╝_20191012133150.png
  creating: images/face/liudehua/
extracting: images/face/liudehua/1.png
extracting: images/face/liudehua/10.png
extracting: images/face/liudehua/11.png
extracting: images/face/liudehua/12.png
extracting: images/face/liudehua/13.png
extracting: images/face/liudehua/14.png
extracting: images/face/liudehua/15.png
extracting: images/face/liudehua/16.png
extracting: images/face/liudehua/17.png
extracting: images/face/liudehua/18.png
extracting: images/face/liudehua/19.png
extracting: images/face/liudehua/2.png
 inflating: images/face/liudehua/20.png
extracting: images/face/liudehua/21.png
extracting: images/face/liudehua/22.png
extracting: images/face/liudehua/23.png
extracting: images/face/liudehua/24.png
extracting: images/face/liudehua/25.png
extracting: images/face/liudehua/26.png
extracting: images/face/liudehua/27.png
extracting: images/face/liudehua/28.png
extracting: images/face/liudehua/29.png
extracting: images/face/liudehua/3.png
 inflating: images/face/liudehua/30.png
extracting: images/face/liudehua/31.png
extracting: images/face/liudehua/32.png
extracting: images/face/liudehua/33.png
extracting: images/face/liudehua/34.png
extracting: images/face/liudehua/35.png
extracting: images/face/liudehua/36.png
extracting: images/face/liudehua/37.png
extracting: images/face/liudehua/38.png
extracting: images/face/liudehua/39.png
extracting: images/face/liudehua/4.png
extracting: images/face/liudehua/40.png
extracting: images/face/liudehua/41.png
extracting: images/face/liudehua/42.png
extracting: images/face/liudehua/43.png
extracting: images/face/liudehua/44.png
extracting: images/face/liudehua/45.png
extracting: images/face/liudehua/46.png
extracting: images/face/liudehua/47.png
extracting: images/face/liudehua/48.png
extracting: images/face/liudehua/49.png
extracting: images/face/liudehua/5.png
extracting: images/face/liudehua/50.png
extracting: images/face/liudehua/51.png
extracting: images/face/liudehua/52.png
extracting: images/face/liudehua/53.png
extracting: images/face/liudehua/54.png
extracting: images/face/liudehua/55.png
extracting: images/face/liudehua/56.png
extracting: images/face/liudehua/57.png
extracting: images/face/liudehua/6.png
extracting: images/face/liudehua/7.png
extracting: images/face/liudehua/8.png
extracting: images/face/liudehua/9.png
  creating: images/face/liuyifei/
 inflating: images/face/liuyifei/1.png
 inflating: images/face/liuyifei/10.png
 inflating: images/face/liuyifei/100.png
 inflating: images/face/liuyifei/101.png
 inflating: images/face/liuyifei/102.png
 inflating: images/face/liuyifei/103.png
 inflating: images/face/liuyifei/104.png
```

```
  inflating: images/face/liuyifei/105.png
  inflating: images/face/liuyifei/106.png
  inflating: images/face/liuyifei/107.png
  inflating: images/face/liuyifei/108.png
  inflating: images/face/liuyifei/109.png
  inflating: images/face/liuyifei/11.png
  inflating: images/face/liuyifei/110.png
  inflating: images/face/liuyifei/111.png
  inflating: images/face/liuyifei/112.png
  inflating: images/face/liuyifei/113.png
  inflating: images/face/liuyifei/114.png
  inflating: images/face/liuyifei/115.png
  inflating: images/face/liuyifei/116.png
  inflating: images/face/liuyifei/117.png
  inflating: images/face/liuyifei/118.png
  inflating: images/face/liuyifei/119.png
  inflating: images/face/liuyifei/12.png
  inflating: images/face/liuyifei/120.png
  inflating: images/face/liuyifei/121.png
  inflating: images/face/liuyifei/122.png
  inflating: images/face/liuyifei/123.png
 extracting: images/face/liuyifei/124.png
  inflating: images/face/liuyifei/125.png
  inflating: images/face/liuyifei/126.png
  inflating: images/face/liuyifei/127.png
  inflating: images/face/liuyifei/128.png
  inflating: images/face/liuyifei/129.png
  inflating: images/face/liuyifei/13.png
  inflating: images/face/liuyifei/130.png
  inflating: images/face/liuyifei/131.png
  inflating: images/face/liuyifei/132.png
  inflating: images/face/liuyifei/133.png
  inflating: images/face/liuyifei/134.png
  inflating: images/face/liuyifei/135.png
  inflating: images/face/liuyifei/136.png
  inflating: images/face/liuyifei/137.png
  inflating: images/face/liuyifei/138.png
  inflating: images/face/liuyifei/139.png
  inflating: images/face/liuyifei/14.png
  inflating: images/face/liuyifei/140.png
  inflating: images/face/liuyifei/141.png
  inflating: images/face/liuyifei/142.png
  inflating: images/face/liuyifei/143.png
  inflating: images/face/liuyifei/144.png
  inflating: images/face/liuyifei/145.png
  inflating: images/face/liuyifei/146.png
  inflating: images/face/liuyifei/147.png
  inflating: images/face/liuyifei/148.png
  inflating: images/face/liuyifei/149.png
  inflating: images/face/liuyifei/15.png
  inflating: images/face/liuyifei/150.png
  inflating: images/face/liuyifei/151.png
  inflating: images/face/liuyifei/152.png
  inflating: images/face/liuyifei/153.png
  inflating: images/face/liuyifei/154.png
  inflating: images/face/liuyifei/155.png
  inflating: images/face/liuyifei/156.png
  inflating: images/face/liuyifei/157.png
  inflating: images/face/liuyifei/158.png
  inflating: images/face/liuyifei/159.png
  inflating: images/face/liuyifei/16.png
  inflating: images/face/liuyifei/160.png
  inflating: images/face/liuyifei/161.png
  inflating: images/face/liuyifei/162.png
  inflating: images/face/liuyifei/163.png
  inflating: images/face/liuyifei/164.png
  inflating: images/face/liuyifei/165.png
  inflating: images/face/liuyifei/166.png
  inflating: images/face/liuyifei/167.png
  inflating: images/face/liuyifei/168.png
  inflating: images/face/liuyifei/169.png
  inflating: images/face/liuyifei/17.png
```

```
  inflating: images/face/liuyifei/170.png
  inflating: images/face/liuyifei/171.png
  inflating: images/face/liuyifei/172.png
  inflating: images/face/liuyifei/173.png
  inflating: images/face/liuyifei/174.png
  inflating: images/face/liuyifei/175.png
  inflating: images/face/liuyifei/176.png
  inflating: images/face/liuyifei/177.png
  inflating: images/face/liuyifei/178.png
  inflating: images/face/liuyifei/179.png
  inflating: images/face/liuyifei/18.png
  inflating: images/face/liuyifei/180.png
  inflating: images/face/liuyifei/181.png
  inflating: images/face/liuyifei/182.png
  inflating: images/face/liuyifei/183.png
  inflating: images/face/liuyifei/184.png
  inflating: images/face/liuyifei/185.png
  inflating: images/face/liuyifei/186.png
  inflating: images/face/liuyifei/187.png
  inflating: images/face/liuyifei/188.png
  inflating: images/face/liuyifei/189.png
  inflating: images/face/liuyifei/19.png
  inflating: images/face/liuyifei/190.png
  inflating: images/face/liuyifei/191.png
 extracting: images/face/liuyifei/192.png
  inflating: images/face/liuyifei/193.png
  inflating: images/face/liuyifei/194.png
  inflating: images/face/liuyifei/195.png
  inflating: images/face/liuyifei/196.png
  inflating: images/face/liuyifei/197.png
  inflating: images/face/liuyifei/198.png
  inflating: images/face/liuyifei/199.png
  inflating: images/face/liuyifei/2.png
  inflating: images/face/liuyifei/20.png
  inflating: images/face/liuyifei/200.png
  inflating: images/face/liuyifei/201.png
  inflating: images/face/liuyifei/202.png
  inflating: images/face/liuyifei/203.png
  inflating: images/face/liuyifei/204.png
  inflating: images/face/liuyifei/205.png
  inflating: images/face/liuyifei/206.png
  inflating: images/face/liuyifei/207.png
  inflating: images/face/liuyifei/208.png
 extracting: images/face/liuyifei/209.png
  inflating: images/face/liuyifei/21.png
  inflating: images/face/liuyifei/210.png
  inflating: images/face/liuyifei/211.png
  inflating: images/face/liuyifei/212.png
  inflating: images/face/liuyifei/213.png
  inflating: images/face/liuyifei/214.png
  inflating: images/face/liuyifei/215.png
  inflating: images/face/liuyifei/216.png
  inflating: images/face/liuyifei/217.png
  inflating: images/face/liuyifei/218.png
  inflating: images/face/liuyifei/219.png
  inflating: images/face/liuyifei/22.png
  inflating: images/face/liuyifei/220.png
  inflating: images/face/liuyifei/221.png
  inflating: images/face/liuyifei/222.png
  inflating: images/face/liuyifei/223.png
  inflating: images/face/liuyifei/224.png
  inflating: images/face/liuyifei/225.png
  inflating: images/face/liuyifei/226.png
  inflating: images/face/liuyifei/227.png
  inflating: images/face/liuyifei/228.png
  inflating: images/face/liuyifei/229.png
  inflating: images/face/liuyifei/23.png
  inflating: images/face/liuyifei/230.png
  inflating: images/face/liuyifei/231.png
  inflating: images/face/liuyifei/232.png
  inflating: images/face/liuyifei/233.png
 extracting: images/face/liuyifei/234.png
```

```
inflating: images/face/liuyifei/235.png
inflating: images/face/liuyifei/236.png
inflating: images/face/liuyifei/237.png
inflating: images/face/liuyifei/238.png
inflating: images/face/liuyifei/239.png
inflating: images/face/liuyifei/24.png
inflating: images/face/liuyifei/240.png
inflating: images/face/liuyifei/241.png
inflating: images/face/liuyifei/242.png
inflating: images/face/liuyifei/243.png
inflating: images/face/liuyifei/244.png
inflating: images/face/liuyifei/245.png
inflating: images/face/liuyifei/246.png
inflating: images/face/liuyifei/247.png
inflating: images/face/liuyifei/248.png
inflating: images/face/liuyifei/249.png
inflating: images/face/liuyifei/25.png
inflating: images/face/liuyifei/250.png
inflating: images/face/liuyifei/251.png
inflating: images/face/liuyifei/252.png
inflating: images/face/liuyifei/253.png
inflating: images/face/liuyifei/254.png
inflating: images/face/liuyifei/255.png
inflating: images/face/liuyifei/256.png
inflating: images/face/liuyifei/257.png
inflating: images/face/liuyifei/258.png
inflating: images/face/liuyifei/259.png
inflating: images/face/liuyifei/26.png
inflating: images/face/liuyifei/260.png
inflating: images/face/liuyifei/261.png
inflating: images/face/liuyifei/262.png
inflating: images/face/liuyifei/263.png
inflating: images/face/liuyifei/264.png
inflating: images/face/liuyifei/265.png
inflating: images/face/liuyifei/266.png
inflating: images/face/liuyifei/27.png
inflating: images/face/liuyifei/28.png
inflating: images/face/liuyifei/29.png
inflating: images/face/liuyifei/3.png
inflating: images/face/liuyifei/30.png
inflating: images/face/liuyifei/31.png
inflating: images/face/liuyifei/32.png
inflating: images/face/liuyifei/33.png
inflating: images/face/liuyifei/34.png
inflating: images/face/liuyifei/35.png
inflating: images/face/liuyifei/36.png
inflating: images/face/liuyifei/37.png
inflating: images/face/liuyifei/37e3d352-ea48-11e9-a56b-b025aa21b04b.jpg
inflating: images/face/liuyifei/38.png
inflating: images/face/liuyifei/38ea6de2-ea48-11e9-9884-b025aa21b04b.jpg
inflating: images/face/liuyifei/39.png
inflating: images/face/liuyifei/39281322-ea48-11e9-9ff7-b025aa21b04b.jpg
inflating: images/face/liuyifei/39efcff0-ea48-11e9-a43f-b025aa21b04b.jpg
inflating: images/face/liuyifei/3bbe9c80-ea48-11e9-8734-b025aa21b04b.jpg
inflating: images/face/liuyifei/3cddc822-ea48-11e9-8371-b025aa21b04b.jpg
inflating: images/face/liuyifei/3e5fad30-ea48-11e9-9ffd-b025aa21b04b.jpg
inflating: images/face/liuyifei/3ed1f700-ea48-11e9-b451-b025aa21b04b.jpg
inflating: images/face/liuyifei/3f05b130-ea48-11e9-9b21-b025aa21b04b.jpg
inflating: images/face/liuyifei/3f9483b0-ea48-11e9-8612-b025aa21b04b.jpg
inflating: images/face/liuyifei/4.png
inflating: images/face/liuyifei/40.png
inflating: images/face/liuyifei/4038da00-ea48-11e9-8d93-b025aa21b04b.jpg
inflating: images/face/liuyifei/405ed892-ea48-11e9-8fcd-b025aa21b04b.jpg
inflating: images/face/liuyifei/40948e92-ea48-11e9-bc1a-b025aa21b04b.jpg
inflating: images/face/liuyifei/40f461d2-ea48-11e9-97c6-b025aa21b04b.jpg
inflating: images/face/liuyifei/41.png
inflating: images/face/liuyifei/4115f392-ea48-11e9-a774-b025aa21b04b.jpg
inflating: images/face/liuyifei/42.png
inflating: images/face/liuyifei/4221be40-ea48-11e9-858e-b025aa21b04b.jpg
inflating: images/face/liuyifei/43.png
inflating: images/face/liuyifei/439c5052-ea48-11e9-b4d3-b025aa21b04b.jpg
inflating: images/face/liuyifei/44.png
```

```
 inflating: images/face/liuyifei/447bb3d2-ea48-11e9-8d4a-b025aa21b04b.jpg
 inflating: images/face/liuyifei/45.png
extracting: images/face/liuyifei/46.png
 inflating: images/face/liuyifei/47.png
 inflating: images/face/liuyifei/48.png
 inflating: images/face/liuyifei/49.png
 inflating: images/face/liuyifei/5.png
 inflating: images/face/liuyifei/50.png
 inflating: images/face/liuyifei/51.png
 inflating: images/face/liuyifei/52.png
 inflating: images/face/liuyifei/53.png
 inflating: images/face/liuyifei/54.png
 inflating: images/face/liuyifei/55.png
 inflating: images/face/liuyifei/56.png
 inflating: images/face/liuyifei/57.png
 inflating: images/face/liuyifei/58.png
 inflating: images/face/liuyifei/59.png
 inflating: images/face/liuyifei/6.png
 inflating: images/face/liuyifei/60.png
 inflating: images/face/liuyifei/61.png
 inflating: images/face/liuyifei/62.png
 inflating: images/face/liuyifei/63.png
 inflating: images/face/liuyifei/64.png
 inflating: images/face/liuyifei/65.png
 inflating: images/face/liuyifei/66.png
 inflating: images/face/liuyifei/67.png
 inflating: images/face/liuyifei/68.png
 inflating: images/face/liuyifei/69.png
 inflating: images/face/liuyifei/6ac7c792-ea48-11e9-9978-b025aa21b04b - ╕▒┘.jpg
 inflating: images/face/liuyifei/7.png
 inflating: images/face/liuyifei/70.png
 inflating: images/face/liuyifei/71.png
 inflating: images/face/liuyifei/72.png
 inflating: images/face/liuyifei/73.png
 inflating: images/face/liuyifei/74.png
 inflating: images/face/liuyifei/75.png
 inflating: images/face/liuyifei/76.png
 inflating: images/face/liuyifei/77.png
 inflating: images/face/liuyifei/78.png
 inflating: images/face/liuyifei/79.png
 inflating: images/face/liuyifei/8.png
 inflating: images/face/liuyifei/80.png
 inflating: images/face/liuyifei/81.png
 inflating: images/face/liuyifei/82.png
 inflating: images/face/liuyifei/83.png
 inflating: images/face/liuyifei/85.png
 inflating: images/face/liuyifei/86.png
 inflating: images/face/liuyifei/87.png
extracting: images/face/liuyifei/88.png
 inflating: images/face/liuyifei/89.png
 inflating: images/face/liuyifei/9.png
 inflating: images/face/liuyifei/90.png
 inflating: images/face/liuyifei/91.png
 inflating: images/face/liuyifei/92.png
 inflating: images/face/liuyifei/93.png
 inflating: images/face/liuyifei/94.png
 inflating: images/face/liuyifei/95.png
 inflating: images/face/liuyifei/96.png
 inflating: images/face/liuyifei/97.png
 inflating: images/face/liuyifei/98.png
 inflating: images/face/liuyifei/99.png
  creating: images/face/pengyuyan/
extracting: images/face/pengyuyan/1.png
extracting: images/face/pengyuyan/10.png
extracting: images/face/pengyuyan/100.png
extracting: images/face/pengyuyan/103.png
extracting: images/face/pengyuyan/106.png
extracting: images/face/pengyuyan/107.png
extracting: images/face/pengyuyan/109.png
extracting: images/face/pengyuyan/11.png
extracting: images/face/pengyuyan/110.png
extracting: images/face/pengyuyan/112.png
```

```
extracting: images/face/pengyuyan/114.png
extracting: images/face/pengyuyan/12.png
extracting: images/face/pengyuyan/13.png
extracting: images/face/pengyuyan/14.png
extracting: images/face/pengyuyan/15.png
extracting: images/face/pengyuyan/16.png
extracting: images/face/pengyuyan/17.png
 inflating: images/face/pengyuyan/18.png
 inflating: images/face/pengyuyan/19.png
extracting: images/face/pengyuyan/2.png
extracting: images/face/pengyuyan/20.png
extracting: images/face/pengyuyan/21.png
extracting: images/face/pengyuyan/22.png
extracting: images/face/pengyuyan/23.png
extracting: images/face/pengyuyan/24.png
extracting: images/face/pengyuyan/25.png
extracting: images/face/pengyuyan/26.png
extracting: images/face/pengyuyan/27.png
extracting: images/face/pengyuyan/28.png
extracting: images/face/pengyuyan/29.png
extracting: images/face/pengyuyan/3.png
extracting: images/face/pengyuyan/30.png
extracting: images/face/pengyuyan/31.png
extracting: images/face/pengyuyan/32.png
extracting: images/face/pengyuyan/33.png
extracting: images/face/pengyuyan/34.png
extracting: images/face/pengyuyan/35.png
extracting: images/face/pengyuyan/36.png
extracting: images/face/pengyuyan/37.png
extracting: images/face/pengyuyan/38.png
 inflating: images/face/pengyuyan/39.png
extracting: images/face/pengyuyan/4.png
extracting: images/face/pengyuyan/40.png
extracting: images/face/pengyuyan/41.png
extracting: images/face/pengyuyan/42.png
extracting: images/face/pengyuyan/43.png
extracting: images/face/pengyuyan/44.png
extracting: images/face/pengyuyan/45.png
extracting: images/face/pengyuyan/46.png
 inflating: images/face/pengyuyan/47.png
extracting: images/face/pengyuyan/48.png
extracting: images/face/pengyuyan/49.png
extracting: images/face/pengyuyan/5.png
extracting: images/face/pengyuyan/50.png
extracting: images/face/pengyuyan/51.png
extracting: images/face/pengyuyan/52.png
extracting: images/face/pengyuyan/53.png
extracting: images/face/pengyuyan/54.png
extracting: images/face/pengyuyan/55.png
extracting: images/face/pengyuyan/56.png
extracting: images/face/pengyuyan/57.png
extracting: images/face/pengyuyan/58.png
 inflating: images/face/pengyuyan/59.png
extracting: images/face/pengyuyan/6.png
extracting: images/face/pengyuyan/60.png
extracting: images/face/pengyuyan/61.png
extracting: images/face/pengyuyan/62.png
extracting: images/face/pengyuyan/63.png
extracting: images/face/pengyuyan/64.png
extracting: images/face/pengyuyan/65.png
extracting: images/face/pengyuyan/66.png
 inflating: images/face/pengyuyan/67.png
extracting: images/face/pengyuyan/68.png
extracting: images/face/pengyuyan/69.png
extracting: images/face/pengyuyan/7.png
extracting: images/face/pengyuyan/70.png
extracting: images/face/pengyuyan/71.png
extracting: images/face/pengyuyan/72.png
extracting: images/face/pengyuyan/73.png
extracting: images/face/pengyuyan/74.png
extracting: images/face/pengyuyan/75.png
extracting: images/face/pengyuyan/76.png
```

```
extracting: images/face/pengyuyan/77.png
extracting: images/face/pengyuyan/78.png
extracting: images/face/pengyuyan/8.png
extracting: images/face/pengyuyan/81.png
extracting: images/face/pengyuyan/84.png
extracting: images/face/pengyuyan/86.png
extracting: images/face/pengyuyan/87.png
extracting: images/face/pengyuyan/89.png
extracting: images/face/pengyuyan/9.png
 inflating: images/face/pengyuyan/90.png
extracting: images/face/pengyuyan/91.png
extracting: images/face/pengyuyan/93.png
extracting: images/face/pengyuyan/96.png
extracting: images/face/pengyuyan/97.png
  creating: images/face/yuwenle/
 inflating: images/face/yuwenle/037925c0-ea4d-11e9-b961-b025aa21b04b.jpg
 inflating: images/face/yuwenle/05908980-ea4c-11e9-bad5-b025aa21b04b.jpg
 inflating: images/face/yuwenle/0a128f30-ea4c-11e9-8a94-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1138a840-ea4b-11e9-b8fb-b025aa21b04b.jpg
 inflating: images/face/yuwenle/13af74a2-ea4b-11e9-8a9a-b025aa21b04b.jpg
 inflating: images/face/yuwenle/17e03092-ea4c-11e9-8a9a-b025aa21b04b.jpg
 inflating: images/face/yuwenle/180592e2-ea4c-11e9-91d6-b025aa21b04b.jpg
 inflating: images/face/yuwenle/18c0e912-ea4b-11e9-a653-b025aa21b04b.jpg
 inflating: images/face/yuwenle/18ef4c12-ea4b-11e9-a8ef-b025aa21b04b.jpg
 inflating: images/face/yuwenle/198e07a2-ea4c-11e9-8143-b025aa21b04b.jpg
 inflating: images/face/yuwenle/19c1b740-ea4b-11e9-81e4-b025aa21b04b.jpg
 inflating: images/face/yuwenle/19e1e970-ea4b-11e9-a742-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1a129662-ea4b-11e9-91bc-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1a6f3552-ea4b-11e9-a194-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1a8380a2-ea4b-11e9-98f8-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1a89ccc0-ea4c-11e9-9cb4-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1aab2ce2-ea4b-11e9-a95d-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1ad91ab0-ea4b-11e9-beb7-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1afa5e52-ea4b-11e9-83e8-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1b1f2462-ea4b-11e9-9075-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1bb15240-ea4b-11e9-88f8-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1cde87a2-ea4b-11e9-b057-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1d866062-ea4b-11e9-9178-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1de26da2-ea4c-11e9-9d45-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1ee0c040-ea4b-11e9-ae46-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1f0f54e2-ea4c-11e9-89ea-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1f69c662-ea4b-11e9-b1d9-b025aa21b04b.jpg
 inflating: images/face/yuwenle/1f882e62-ea4c-11e9-9da4-b025aa21b04b.jpg
 inflating: images/face/yuwenle/20ce42f0-ea4c-11e9-b686-b025aa21b04b.jpg
 inflating: images/face/yuwenle/21445d52-ea4c-11e9-9522-b025aa21b04b.jpg
 inflating: images/face/yuwenle/21947922-ea4c-11e9-9e12-b025aa21b04b.jpg
 inflating: images/face/yuwenle/24f02740-ea4c-11e9-8bd6-b025aa21b04b.jpg
 inflating: images/face/yuwenle/257758a2-ea4c-11e9-8db0-b025aa21b04b.jpg
 inflating: images/face/yuwenle/25a4aa30-ea4c-11e9-9f71-b025aa21b04b.jpg
 inflating: images/face/yuwenle/2691f062-ea4c-11e9-8089-b025aa21b04b.jpg
 inflating: images/face/yuwenle/2a0dd0b0-ea4c-11e9-9c8d-b025aa21b04b.jpg
 inflating: images/face/yuwenle/2f524692-ea4d-11e9-b5fa-b025aa21b04b.jpg
 inflating: images/face/yuwenle/3c50ea12-ea4b-11e9-9dc3-b025aa21b04b.jpg
 inflating: images/face/yuwenle/3e2cd600-ea4b-11e9-82c5-b025aa21b04b.jpg
 inflating: images/face/yuwenle/41451280-ea4b-11e9-a1b9-b025aa21b04b.jpg
 inflating: images/face/yuwenle/43018f92-ea4b-11e9-8e33-b025aa21b04b.jpg
 inflating: images/face/yuwenle/58a54e30-ea4c-11e9-a80b-b025aa21b04b.jpg
 inflating: images/face/yuwenle/66ed9dd2-ea4c-11e9-b7f0-b025aa21b04b.jpg
 inflating: images/face/yuwenle/67ba63b0-ea4c-11e9-996b-b025aa21b04b.jpg
 inflating: images/face/yuwenle/686f34c0-ea4c-11e9-9d2d-b025aa21b04b.jpg
 inflating: images/face/yuwenle/68b8abc0-ea4a-11e9-93af-b025aa21b04b.jpg
 inflating: images/face/yuwenle/6bb278e2-ea4c-11e9-a922-b025aa21b04b.jpg
 inflating: images/face/yuwenle/6bf83470-ea4c-11e9-9031-b025aa21b04b.jpg
 inflating: images/face/yuwenle/6ecf4940-ea4c-11e9-98f4-b025aa21b04b.jpg
 inflating: images/face/yuwenle/6f2be830-ea4c-11e9-b176-b025aa21b04b.jpg
 inflating: images/face/yuwenle/702cdd70-ea4c-11e9-aa14-b025aa21b04b.jpg
 inflating: images/face/yuwenle/75641440-ea4a-11e9-ba7a-b025aa21b04b.jpg
 inflating: images/face/yuwenle/75b6ef30-ea4a-11e9-9938-b025aa21b04b.jpg
 inflating: images/face/yuwenle/7658fb92-ea4a-11e9-9ec7-b025aa21b04b.jpg
 inflating: images/face/yuwenle/767ab462-ea4a-11e9-81f5-b025aa21b04b.jpg
 inflating: images/face/yuwenle/76df30a2-ea4c-11e9-b563-b025aa21b04b.jpg
 inflating: images/face/yuwenle/7733b940-ea4c-11e9-b115-b025aa21b04b.jpg
```

```
  inflating: images/face/yuwenle/776131e2-ea4c-11e9-bd25-b025aa21b04b.jpg
  inflating: images/face/yuwenle/77a13300-ea4a-11e9-bca5-b025aa21b04b.jpg
  inflating: images/face/yuwenle/78623912-ea4a-11e9-8a5d-b025aa21b04b.jpg
  inflating: images/face/yuwenle/788fd8c0-ea4a-11e9-9480-b025aa21b04b.jpg
  inflating: images/face/yuwenle/78ae5d40-ea4a-11e9-8ab5-b025aa21b04b.jpg
  inflating: images/face/yuwenle/7a9051c0-ea4c-11e9-8e48-b025aa21b04b.jpg
  inflating: images/face/yuwenle/82012f70-ea4b-11e9-a1af-b025aa21b04b.jpg
  inflating: images/face/yuwenle/84b3cc52-ea4b-11e9-8fde-b025aa21b04b.jpg
  inflating: images/face/yuwenle/85734130-ea4a-11e9-8903-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8622e222-ea4a-11e9-bc57-b025aa21b04b.jpg
  inflating: images/face/yuwenle/865cdde2-ea4a-11e9-86f5-b025aa21b04b.jpg
  inflating: images/face/yuwenle/88b17c40-ea4a-11e9-9860-b025aa21b04b.jpg
  inflating: images/face/yuwenle/89ccec70-ea4c-11e9-ac79-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8a18e992-ea4c-11e9-b630-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8b8535b0-ea4a-11e9-bd0c-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8bfa7040-ea4b-11e9-99ce-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8c315430-ea4a-11e9-8626-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8c9fb0f0-ea4b-11e9-92cc-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8cc428e2-ea4b-11e9-8b2e-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8d172052-ea4a-11e9-9a2f-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8d6603a2-ea4a-11e9-8ab4-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8d8d88d2-ea4a-11e9-ba33-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8dbbc4c0-ea4a-11e9-84f7-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8ddb1722-ea4b-11e9-86f6-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8dfd6c30-ea4b-11e9-b07a-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8e1e3aa2-ea4b-11e9-8df6-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8ea1e992-ea4b-11e9-8318-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8ef4c480-ea4b-11e9-a8e9-b025aa21b04b.jpg
  inflating: images/face/yuwenle/8f3fe1d2-ea4c-11e9-a5a6-b025aa21b04b.jpg
  inflating: images/face/yuwenle/927538b0-ea4b-11e9-aaca-b025aa21b04b.jpg
  inflating: images/face/yuwenle/92dbe9c0-ea4b-11e9-b58e-b025aa21b04b.jpg
  inflating: images/face/yuwenle/93e0af92-ea4b-11e9-8e68-b025aa21b04b.jpg
  inflating: images/face/yuwenle/a21417a2-ea4b-11e9-bdb7-b025aa21b04b.jpg
  inflating: images/face/yuwenle/a2411b12-ea4b-11e9-a8ba-b025aa21b04b.jpg
  inflating: images/face/yuwenle/a4ee39b0-ea4b-11e9-82bb-b025aa21b04b.jpg
  inflating: images/face/yuwenle/a61c0b52-ea4b-11e9-a575-b025aa21b04b.jpg
  inflating: images/face/yuwenle/a74899e2-ea4a-11e9-957a-b025aa21b04b.jpg
  inflating: images/face/yuwenle/a7e3a162-ea4a-11e9-9ed4-b025aa21b04b.jpg
  inflating: images/face/yuwenle/a8454962-ea4a-11e9-8393-b025aa21b04b.jpg
  inflating: images/face/yuwenle/a9c7a3a2-ea4a-11e9-9429-b025aa21b04b.jpg
  inflating: images/face/yuwenle/aa9c7fd2-ea4a-11e9-9e8e-b025aa21b04b.jpg
  inflating: images/face/yuwenle/adbbfd62-ea4c-11e9-82bd-b025aa21b04b.jpg
  inflating: images/face/yuwenle/ade198b0-ea4a-11e9-910a-b025aa21b04b.jpg
  inflating: images/face/yuwenle/b47c01a2-ea4b-11e9-bce2-b025aa21b04b.jpg
  inflating: images/face/yuwenle/b5c79470-ea4b-11e9-95fb-b025aa21b04b.jpg
  inflating: images/face/yuwenle/ba8c2bf0-ea4c-11e9-bc81-b025aa21b04b.jpg
  inflating: images/face/yuwenle/beaea1f0-ea4b-11e9-8529-b025aa21b04b.jpg
  inflating: images/face/yuwenle/c0474352-ea4b-11e9-af8a-b025aa21b04b.jpg
  inflating: images/face/yuwenle/c10a1e22-ea4b-11e9-92f3-b025aa21b04b.jpg
  inflating: images/face/yuwenle/c263ec52-ea4c-11e9-a673-b025aa21b04b.jpg
  inflating: images/face/yuwenle/c2970a40-ea4c-11e9-be43-b025aa21b04b.jpg
  inflating: images/face/yuwenle/c5480b62-ea4a-11e9-b908-b025aa21b04b.jpg
  inflating: images/face/yuwenle/c6b45022-ea4b-11e9-858e-b025aa21b04b.jpg
  inflating: images/face/yuwenle/ca03e5c0-ea4a-11e9-a562-b025aa21b04b.jpg
  inflating: images/face/yuwenle/ca6682b0-ea4b-11e9-8194-b025aa21b04b.jpg
  inflating: images/face/yuwenle/ccb30ac0-ea4b-11e9-ab97-b025aa21b04b.jpg
  inflating: images/face/yuwenle/df4a9040-ea4b-11e9-b30e-b025aa21b04b.jpg
  inflating: images/face/yuwenle/e12fd592-ea4c-11e9-9e0a-b025aa21b04b.jpg
  inflating: images/face/yuwenle/e2d2a592-ea4b-11e9-8267-b025aa21b04b.jpg
  inflating: images/face/yuwenle/e8187070-ea4b-11e9-ade7-b025aa21b04b.jpg
  inflating: images/face/yuwenle/e8df42e2-ea4b-11e9-9ffc-b025aa21b04b.jpg
  inflating: images/face/yuwenle/eacfef52-ea4b-11e9-bc82-b025aa21b04b.jpg
  inflating: images/face/yuwenle/f2432c12-ea4c-11e9-aad1-b025aa21b04b.jpg
  inflating: images/face/yuwenle/f374f552-ea4c-11e9-94d2-b025aa21b04b.jpg
  inflating: images/face/yuwenle/f41ba780-ea4a-11e9-922f-b025aa21b04b.jpg
  inflating: images/face/yuwenle/f57ae962-ea4a-11e9-b6a5-b025aa21b04b.jpg
  inflating: images/face/yuwenle/f6354dd2-ea4c-11e9-a8bd-b025aa21b04b.jpg
  inflating: images/face/yuwenle/f64e7b22-ea4c-11e9-8d61-b025aa21b04b.jpg
  inflating: images/face/yuwenle/f78b79e2-ea4a-11e9-9cc9-b025aa21b04b.jpg
   creating: images/face/zhangziyi/
 extracting: images/face/zhangziyi/1.png
  inflating: images/face/zhangziyi/10.png
```

```
extracting: images/face/zhangziyi/100.png
extracting: images/face/zhangziyi/11.png
extracting: images/face/zhangziyi/12.png
extracting: images/face/zhangziyi/13.png
 inflating: images/face/zhangziyi/14.png
extracting: images/face/zhangziyi/15.png
extracting: images/face/zhangziyi/16.png
 inflating: images/face/zhangziyi/17.png
extracting: images/face/zhangziyi/18.png
extracting: images/face/zhangziyi/19.png
extracting: images/face/zhangziyi/2.png
extracting: images/face/zhangziyi/20.png
extracting: images/face/zhangziyi/21.png
extracting: images/face/zhangziyi/22.png
extracting: images/face/zhangziyi/23.png
extracting: images/face/zhangziyi/24.png
extracting: images/face/zhangziyi/25.png
extracting: images/face/zhangziyi/26.png
extracting: images/face/zhangziyi/27.png
extracting: images/face/zhangziyi/28.png
extracting: images/face/zhangziyi/29.png
extracting: images/face/zhangziyi/3.png
extracting: images/face/zhangziyi/30.png
extracting: images/face/zhangziyi/31.png
extracting: images/face/zhangziyi/32.png
extracting: images/face/zhangziyi/33.png
extracting: images/face/zhangziyi/34.png
extracting: images/face/zhangziyi/35.png
extracting: images/face/zhangziyi/36.png
extracting: images/face/zhangziyi/37.png
extracting: images/face/zhangziyi/38.png
extracting: images/face/zhangziyi/39.png
extracting: images/face/zhangziyi/4.png
extracting: images/face/zhangziyi/40.png
 inflating: images/face/zhangziyi/41.png
extracting: images/face/zhangziyi/42.png
extracting: images/face/zhangziyi/43.png
extracting: images/face/zhangziyi/44.png
extracting: images/face/zhangziyi/45.png
extracting: images/face/zhangziyi/46.png
extracting: images/face/zhangziyi/47.png
extracting: images/face/zhangziyi/48.png
extracting: images/face/zhangziyi/49.png
extracting: images/face/zhangziyi/5.png
extracting: images/face/zhangziyi/50.png
extracting: images/face/zhangziyi/51.png
extracting: images/face/zhangziyi/52.png
extracting: images/face/zhangziyi/53.png
extracting: images/face/zhangziyi/54.png
extracting: images/face/zhangziyi/55.png
extracting: images/face/zhangziyi/56.png
extracting: images/face/zhangziyi/57.png
extracting: images/face/zhangziyi/58.png
extracting: images/face/zhangziyi/59.png
extracting: images/face/zhangziyi/6.png
extracting: images/face/zhangziyi/60.png
extracting: images/face/zhangziyi/61.png
extracting: images/face/zhangziyi/62.png
extracting: images/face/zhangziyi/63.png
extracting: images/face/zhangziyi/64.png
extracting: images/face/zhangziyi/65.png
extracting: images/face/zhangziyi/66.png
extracting: images/face/zhangziyi/67.png
extracting: images/face/zhangziyi/68.png
extracting: images/face/zhangziyi/69.png
extracting: images/face/zhangziyi/7.png
extracting: images/face/zhangziyi/70.png
extracting: images/face/zhangziyi/71.png
extracting: images/face/zhangziyi/72.png
extracting: images/face/zhangziyi/73.png
extracting: images/face/zhangziyi/74.png
extracting: images/face/zhangziyi/75.png
```

```
 extracting: images/face/zhangziyi/76.png
 extracting: images/face/zhangziyi/77.png
 extracting: images/face/zhangziyi/78.png
 extracting: images/face/zhangziyi/8.png
 extracting: images/face/zhangziyi/80.png
 extracting: images/face/zhangziyi/81.png
 extracting: images/face/zhangziyi/82.png
 extracting: images/face/zhangziyi/83.png
 extracting: images/face/zhangziyi/84.png
 extracting: images/face/zhangziyi/85.png
 extracting: images/face/zhangziyi/86.png
 extracting: images/face/zhangziyi/87.png
 extracting: images/face/zhangziyi/88.png
 extracting: images/face/zhangziyi/89.png
 extracting: images/face/zhangziyi/9.png
 extracting: images/face/zhangziyi/90.png
 extracting: images/face/zhangziyi/91.png
 extracting: images/face/zhangziyi/92.png
 extracting: images/face/zhangziyi/93.png
 extracting: images/face/zhangziyi/94.png
 extracting: images/face/zhangziyi/95.png
 extracting: images/face/zhangziyi/96.png
 extracting: images/face/zhangziyi/97.png
 extracting: images/face/zhangziyi/98.png
 extracting: images/face/zhangziyi/99.png
   creating: images/face/zhoudongyu/
  inflating: images/face/zhoudongyu/000f6ab0-ea49-11e9-a6ff-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/003329e2-ea4a-11e9-99d5-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/00476aa2-ea49-11e9-8718-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/015928c0-ea49-11e9-9ade-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/03ae3c52-ea49-11e9-be72-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/072e8970-ea49-11e9-a92b-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/076047d2-ea49-11e9-892a-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/07baeaf0-ea49-11e9-9bfb-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/0a585222-ea49-11e9-8c54-b025aa21b04b.jpg
 extracting: images/face/zhoudongyu/0abba7d2-ea49-11e9-9626-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/0af26f40-ea49-11e9-a72c-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/0b378e92-ea49-11e9-b750-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/0b908400-ea49-11e9-9902-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/0c91a052-ea49-11e9-b256-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/0dc8e7d2-ea49-11e9-ae98-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/0e1a1fa2-ea4a-11e9-acfd-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/0eb124f0-ea49-11e9-9c47-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/0ec919c0-ea49-11e9-9b09-b025aa21b04b.jpg
 extracting: images/face/zhoudongyu/0f315170-ea49-11e9-a3a2-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/0f5362f0-ea4a-11e9-8b49-b025aa21b04b.jpg
 extracting: images/face/zhoudongyu/1c05c5c0-ea49-11e9-aa11-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/1c551e40-ea49-11e9-85bf-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/1cb05da2-ea49-11e9-a6c2-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/1d295e30-ea49-11e9-aeae-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/1d9b80f0-ea49-11e9-bc90-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/1dbdaef0-ea49-11e9-9f74-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/1df14212-ea49-11e9-8fb0-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/1e507912-ea49-11e9-9625-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/1eb33280-ea49-11e9-9eed-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/1ee14762-ea49-11e9-8a90-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/1f31ff70-ea49-11e9-9de1-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/28e2f730-ea4a-11e9-bc18-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/29c6a070-ea4a-11e9-b464-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/2a17cdb0-ea4a-11e9-92a5-b025aa21b04b.jpg
 extracting: images/face/zhoudongyu/2abc2400-ea4a-11e9-b672-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/2b3e9a70-ea4a-11e9-b67d-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/2bbe51c0-ea4a-11e9-8319-b025aa21b04b.jpg
 extracting: images/face/zhoudongyu/2c28d362-ea4a-11e9-b866-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/2e0e5c40-ea4a-11e9-b8ca-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/2e359352-ea4a-11e9-80e2-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/2f52ea30-ea4a-11e9-b61c-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/32f4a200-ea4a-11e9-a3de-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/34bf9e00-ea4a-11e9-9df2-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/35a0d640-ea4a-11e9-95f3-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/37dedf62-ea4a-11e9-82cb-b025aa21b04b.jpg
  inflating: images/face/zhoudongyu/38149562-ea4a-11e9-9ccb-b025aa21b04b.jpg
```

```
inflating: images/face/zhoudongyu/39161c52-ea49-11e9-a317-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/3942aa92-ea49-11e9-a17f-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/398076e2-ea49-11e9-b1c8-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/39b28df0-ea4a-11e9-96c0-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/39de4e52-ea49-11e9-aaf9-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/3a1a6cf0-ea49-11e9-8df6-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/3a50c9c0-ea4a-11e9-b33a-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/3ac022d2-ea49-11e9-a361-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/3b0106f0-ea4a-11e9-982c-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/3b14ab70-ea49-11e9-b8ea-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/3b8e2bc0-ea4a-11e9-bedf-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/3baf8be2-ea49-11e9-b1cb-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/3c065e70-ea49-11e9-8a7b-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/3c6b13b0-ea49-11e9-8ca6-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/3dd64700-ea4a-11e9-97cd-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/4baa29f0-ea4a-11e9-893e-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/4beb2a92-ea4a-11e9-a314-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/4e7c35b0-ea4a-11e9-be66-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/4f3c0340-ea4a-11e9-81ec-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/565cec30-ea49-11e9-9049-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/569ab880-ea49-11e9-8155-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/581b16f0-ea49-11e9-a278-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/5e0bd262-ea4a-11e9-a1fb-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/5e47a2e2-ea4a-11e9-939d-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/5f5e6a12-ea4a-11e9-a4c2-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/5ffaaa12-ea4a-11e9-916e-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/64145100-ea4a-11e9-8a75-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/644991d2-ea4a-11e9-a4aa-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/656334a2-ea49-11e9-8a46-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/6600ad22-ea49-11e9-96fa-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/667b5b62-ea49-11e9-8a86-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/66c44b40-ea49-11e9-8d27-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/6737f4a2-ea49-11e9-ac3b-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/67f74d00-ea49-11e9-a5ba-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/684482a2-ea49-11e9-8be3-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/690dc612-ea49-11e9-95d3-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/6a13eb70-ea49-11e9-bde1-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/6a4ef8a2-ea49-11e9-82b7-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/6a929152-ea49-11e9-a572-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/6b0884a2-ea49-11e9-8bd0-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/6b4d2ec0-ea49-11e9-82b2-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/6d1a9bc0-ea49-11e9-92cc-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/6d538612-ea49-11e9-a4c8-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/6df2ac40-ea49-11e9-a70c-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/6ef8aa92-ea49-11e9-8c43-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/71bf92c0-ea49-11e9-b846-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/7e6974a2-ea49-11e9-8578-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/7ecd3f80-ea49-11e9-a9de-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/8b8ccc40-ea49-11e9-a8a5-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/8d38f5a2-ea49-11e9-8e85-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/9cc229b0-ea49-11e9-8f03-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/9d6f3292-ea49-11e9-8f17-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/9e46f4f0-ea49-11e9-895d-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/9ef7ce62-ea49-11e9-abde-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/a505cb40-ea49-11e9-9753-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/a726d680-ea49-11e9-8535-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/a7ad1d80-ea49-11e9-ba3c-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/a81e55e2-ea49-11e9-9e00-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/a8e4b322-ea49-11e9-bbe2-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/aacb9b92-ea49-11e9-a26f-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/abb4c312-ea49-11e9-a479-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/ad1e8c40-ea49-11e9-9640-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/ad79a492-ea49-11e9-be99-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/ae399930-ea49-11e9-8af8-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/bcae7712-ea49-11e9-b182-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/c0c70c92-ea49-11e9-8262-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/c2fab570-ea49-11e9-84d9-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/c76eb162-ea49-11e9-a2e8-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/c7c07ae2-ea49-11e9-aa26-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/c86f3170-ea49-11e9-94f5-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/c8cb5b30-ea49-11e9-a06a-b025aa21b04b.jpg
inflating: images/face/zhoudongyu/c94ee312-ea49-11e9-a2e9-b025aa21b04b.jpg
```

```
 inflating: images/face/zhoudongyu/ca457812-ea49-11e9-a6b9-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/cafe8ee2-ea49-11e9-8558-b025aa21b04b.jpg
extracting: images/face/zhoudongyu/cb8c9e12-ea49-11e9-9463-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/cd084192-ea49-11e9-8b24-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/cd417a00-ea49-11e9-bce1-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/d0083b22-ea49-11e9-8c8b-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/d1c79e62-ea49-11e9-ae46-b025aa21b04b.jpg
extracting: images/face/zhoudongyu/d43f5522-ea49-11e9-9ba5-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/d49b7ee2-ea49-11e9-aebf-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/d7170630-ea49-11e9-94a1-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/d87a18a2-ea49-11e9-a17f-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/da2aa440-ea48-11e9-b650-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/da814fc0-ea48-11e9-88d6-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/dace1030-ea48-11e9-9216-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/db2c0eb0-ea48-11e9-a71c-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/db528d00-ea49-11e9-a66c-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/db612870-ea48-11e9-939c-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/db8922d2-ea48-11e9-93fb-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/dbd287e2-ea48-11e9-918e-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/dc4b6162-ea48-11e9-bcfd-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/dcbd5d12-ea48-11e9-b766-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/dcf58412-ea48-11e9-b528-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/dd0896e2-ea48-11e9-a877-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/dd3ced52-ea48-11e9-aa81-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/dd654062-ea49-11e9-8909-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/dd921230-ea48-11e9-b0f0-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/ddc5afe2-ea49-11e9-9db1-b025aa21b04b.jpg
extracting: images/face/zhoudongyu/ddfd5722-ea48-11e9-9a87-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/de714ea2-ea48-11e9-ac65-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/de7c0792-ea49-11e9-83de-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/e04a8600-ea49-11e9-b893-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/e1117f80-ea49-11e9-b12b-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/e367a480-ea49-11e9-a6c3-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/e3f64ff0-ea49-11e9-9681-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/e4b64492-ea49-11e9-a470-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/e7ac7a22-ea49-11e9-9079-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/e7f717b0-ea49-11e9-b1d7-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/e8f770b0-ea49-11e9-a0f4-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/e97e2ce2-ea49-11e9-bdf8-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/ea88bf12-ea49-11e9-8e6f-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/eac15b40-ea49-11e9-9952-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/eb14f980-ea49-11e9-acd4-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/eba811c0-ea49-11e9-a7cc-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/eca9ca52-ea49-11e9-aabf-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/ed4212b0-ea49-11e9-a7ee-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/f1b2b340-ea49-11e9-a3e0-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/f2d895a2-ea49-11e9-8f54-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/f3685280-ea49-11e9-acd4-b025aa21b04b.jpg
extracting: images/face/zhoudongyu/f3d80440-ea49-11e9-a538-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/f8babd00-ea48-11e9-b1be-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/f9881f22-ea48-11e9-98da-b025aa21b04b.jpg
 inflating: images/face/zhoudongyu/ff0a1330-ea49-11e9-832e-b025aa21b04b.jpg
  creating: images/face/zhoujielun/
 inflating: images/face/zhoujielun/04ca7300-ea4f-11e9-9439-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/050e8b70-ea50-11e9-a85e-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/063d9592-ea50-11e9-b2a7-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/09a626e2-ea4e-11e9-bf87-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/09df5f52-ea4e-11e9-93c5-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/0b374e30-ea4e-11e9-b92e-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/14f337e2-ea4e-11e9-9e4b-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/14fce9f0-ea50-11e9-8476-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/155cbd30-ea50-11e9-b5e9-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/158e3f62-ea4e-11e9-b59a-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/1600ec70-ea50-11e9-ba32-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/16126380-ea4e-11e9-a238-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/166369b0-ea4e-11e9-a3e8-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/170ec4e2-ea4e-11e9-848e-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/19ba83f0-ea4e-11e9-bc4c-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/1ca68052-ea4e-11e9-abc8-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/1cc7eb00-ea4e-11e9-88cb-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/1d383900-ea4e-11e9-ac40-b025aa21b04b.jpg
 inflating: images/face/zhoujielun/1db24b00-ea4e-11e9-b6f5-b025aa21b04b.jpg
```

```
inflating: images/face/zhoujielun/1deeded2-ea4e-11e9-bb04-b025aa21b04b.jpg
inflating: images/face/zhoujielun/1e737822-ea4e-11e9-8d93-b025aa21b04b.jpg
inflating: images/face/zhoujielun/1eab5100-ea4e-11e9-b329-b025aa21b04b.jpg
inflating: images/face/zhoujielun/1f086522-ea4e-11e9-91d1-b025aa21b04b.jpg
inflating: images/face/zhoujielun/1f4fce62-ea4e-11e9-bc0a-b025aa21b04b.jpg
inflating: images/face/zhoujielun/1fb3c052-ea4e-11e9-9f0e-b025aa21b04b.jpg
inflating: images/face/zhoujielun/23bd3aa2-ea4e-11e9-9826-b025aa21b04b.jpg
inflating: images/face/zhoujielun/245d4b30-ea4e-11e9-8ed1-b025aa21b04b.jpg
inflating: images/face/zhoujielun/26168200-ea50-11e9-b74e-b025aa21b04b.jpg
inflating: images/face/zhoujielun/2ccbfef0-ea4f-11e9-90fb-b025aa21b04b.jpg
inflating: images/face/zhoujielun/2da98db0-ea4f-11e9-96a3-b025aa21b04b.jpg
inflating: images/face/zhoujielun/2f83cbf0-ea4f-11e9-8618-b025aa21b04b.jpg
inflating: images/face/zhoujielun/3187eb40-ea4d-11e9-a29c-b025aa21b04b.jpg
inflating: images/face/zhoujielun/3302fd12-ea4e-11e9-b4a8-b025aa21b04b.jpg
inflating: images/face/zhoujielun/35083100-ea50-11e9-9474-b025aa21b04b.jpg
inflating: images/face/zhoujielun/3cd38ac0-ea4f-11e9-9f0b-b025aa21b04b.jpg
inflating: images/face/zhoujielun/3d35a7f0-ea4f-11e9-b909-b025aa21b04b.jpg
inflating: images/face/zhoujielun/3e11fe30-ea4f-11e9-a8f3-b025aa21b04b.jpg
inflating: images/face/zhoujielun/3f1db3c0-ea4d-11e9-89e9-b025aa21b04b.jpg
inflating: images/face/zhoujielun/3f5b9530-ea4f-11e9-bcf3-b025aa21b04b.jpg
inflating: images/face/zhoujielun/3f6c48f0-ea4d-11e9-82e8-b025aa21b04b.jpg
inflating: images/face/zhoujielun/4000c0c0-ea4d-11e9-b4cd-b025aa21b04b.jpg
inflating: images/face/zhoujielun/4012b030-ea4f-11e9-bf53-b025aa21b04b.jpg
inflating: images/face/zhoujielun/407d43c0-ea4d-11e9-a152-b025aa21b04b.jpg
inflating: images/face/zhoujielun/408082a2-ea4e-11e9-a49e-b025aa21b04b.jpg
inflating: images/face/zhoujielun/40be7600-ea4e-11e9-b92d-b025aa21b04b.jpg
inflating: images/face/zhoujielun/41f070e2-ea4f-11e9-a176-b025aa21b04b.jpg
inflating: images/face/zhoujielun/4205b880-ea4d-11e9-98c2-b025aa21b04b.jpg
inflating: images/face/zhoujielun/4238eb92-ea4f-11e9-9c8f-b025aa21b04b.jpg
inflating: images/face/zhoujielun/42eeb8f0-ea4d-11e9-843a-b025aa21b04b.jpg
inflating: images/face/zhoujielun/4311f862-ea4d-11e9-a69a-b025aa21b04b.jpg
inflating: images/face/zhoujielun/434eb340-ea4d-11e9-91e8-b025aa21b04b.jpg
inflating: images/face/zhoujielun/43bfc492-ea4d-11e9-87e3-b025aa21b04b.jpg
inflating: images/face/zhoujielun/43c298d2-ea4f-11e9-860b-b025aa21b04b.jpg
inflating: images/face/zhoujielun/43ec04b0-ea4d-11e9-a4a3-b025aa21b04b.jpg
inflating: images/face/zhoujielun/442bccd2-ea4d-11e9-9157-b025aa21b04b.jpg
inflating: images/face/zhoujielun/44c8be30-ea4f-11e9-90da-b025aa21b04b.jpg
inflating: images/face/zhoujielun/44d3cca2-ea4d-11e9-a477-b025aa21b04b.jpg
inflating: images/face/zhoujielun/44f1dbf0-ea4d-11e9-b197-b025aa21b04b.jpg
inflating: images/face/zhoujielun/45dd7470-ea4d-11e9-a92c-b025aa21b04b.jpg
inflating: images/face/zhoujielun/45f987f0-ea4d-11e9-aa58-b025aa21b04b.jpg
inflating: images/face/zhoujielun/45ff9080-ea4f-11e9-bc91-b025aa21b04b.jpg
inflating: images/face/zhoujielun/473f4e62-ea4d-11e9-aaba-b025aa21b04b.jpg
inflating: images/face/zhoujielun/52a1f852-ea4f-11e9-a16b-b025aa21b04b.jpg
inflating: images/face/zhoujielun/592907b0-ea4d-11e9-8cfc-b025aa21b04b.jpg
inflating: images/face/zhoujielun/597971a2-ea4d-11e9-8ebe-b025aa21b04b.jpg
inflating: images/face/zhoujielun/59cd8512-ea4d-11e9-8d6f-b025aa21b04b.jpg
inflating: images/face/zhoujielun/5aeab4e2-ea4d-11e9-8db2-b025aa21b04b.jpg
inflating: images/face/zhoujielun/5aed5780-ea4e-11e9-bd80-b025aa21b04b.jpg
inflating: images/face/zhoujielun/5b3f2100-ea4e-11e9-a3a1-b025aa21b04b.jpg
inflating: images/face/zhoujielun/5ba83880-ea4d-11e9-b316-b025aa21b04b.jpg
inflating: images/face/zhoujielun/5bc58f12-ea4e-11e9-bbb7-b025aa21b04b.jpg
inflating: images/face/zhoujielun/5cd0da00-ea4d-11e9-957c-b025aa21b04b.jpg
inflating: images/face/zhoujielun/5cecd100-ea4e-11e9-995b-b025aa21b04b.jpg
inflating: images/face/zhoujielun/5da2f712-ea4d-11e9-964e-b025aa21b04b.jpg
inflating: images/face/zhoujielun/5e74d092-ea4e-11e9-afed-b025aa21b04b.jpg
inflating: images/face/zhoujielun/6157f352-ea4e-11e9-95fd-b025aa21b04b.jpg
inflating: images/face/zhoujielun/6198a5d2-ea4e-11e9-9d1f-b025aa21b04b.jpg
inflating: images/face/zhoujielun/62094c80-ea4f-11e9-b82d-b025aa21b04b.jpg
inflating: images/face/zhoujielun/6369c6e2-ea4f-11e9-be14-b025aa21b04b.jpg
inflating: images/face/zhoujielun/63e0f2b0-ea4f-11e9-9ce5-b025aa21b04b.jpg
inflating: images/face/zhoujielun/6578f7d2-ea4f-11e9-b127-b025aa21b04b.jpg
inflating: images/face/zhoujielun/65b40500-ea4f-11e9-840b-b025aa21b04b.jpg
inflating: images/face/zhoujielun/77ea1b80-ea4d-11e9-9028-b025aa21b04b.jpg
inflating: images/face/zhoujielun/79615230-ea4d-11e9-930f-b025aa21b04b.jpg
inflating: images/face/zhoujielun/79885040-ea4f-11e9-aaaf-b025aa21b04b.jpg
inflating: images/face/zhoujielun/7b8bb6d2-ea4e-11e9-b7fe-b025aa21b04b.jpg
inflating: images/face/zhoujielun/86d995b0-ea4f-11e9-9458-b025aa21b04b.jpg
inflating: images/face/zhoujielun/873cd640-ea4d-11e9-9588-b025aa21b04b.jpg
inflating: images/face/zhoujielun/89867822-ea4d-11e9-af22-b025aa21b04b.jpg
inflating: images/face/zhoujielun/89c6b570-ea4d-11e9-aa6c-b025aa21b04b.jpg
inflating: images/face/zhoujielun/8a4c6030-ea4d-11e9-9b43-b025aa21b04b.jpg
```

```
  inflating: images/face/zhoujielun/8a754f80-ea4e-11e9-a874-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/8a83d900-ea4f-11e9-8b73-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/8b6152a2-ea4d-11e9-90bc-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/8cdca800-ea4d-11e9-b524-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/8d839662-ea4d-11e9-8114-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/8f5cc330-ea4d-11e9-9ef7-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/903a2ae2-ea4d-11e9-9f02-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/916871b0-ea4d-11e9-8316-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/91fa0352-ea4d-11e9-86cc-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/929c0fb0-ea4d-11e9-95b3-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/93927da2-ea4d-11e9-a944-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/94306b52-ea4d-11e9-8670-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/95168592-ea4d-11e9-8b2f-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/98aed212-ea4e-11e9-92de-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/a3afb452-ea4d-11e9-be5c-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/caab41f0-ea4d-11e9-8b3d-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/d8fd6ab0-ea4f-11e9-9776-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/e5654c70-ea4d-11e9-91b1-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/e77ce1d2-ea4d-11e9-ac4e-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/f3cd6e30-ea4f-11e9-86d7-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/f42eef22-ea4f-11e9-8700-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/f44d5e80-ea4d-11e9-85c5-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/f4828d62-ea4f-11e9-9e3f-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/f4f60522-ea4e-11e9-b997-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/f5379770-ea4d-11e9-bc0f-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/f62cd770-ea4e-11e9-9f4c-b025aa21b04b.jpg
  inflating: images/face/zhoujielun/f69c3b12-ea4e-11e9-91a6-b025aa21b04b.jpg
```

开写

In [0]:

```
import torch
import torch.nn as nn
import torchvision
from torchvision import transforms, datasets
import torch.utils.data as data
import torch.optim as optim
from torch.optim import lr_scheduler
import numpy as np
import copy
```

预定义超参数

In [0]:

```
IMG_SIZE = 256
INPUT_SIZE = 224
BATCH_SIZE = 256
EPOCHS_SIZE = 32
BASE_LR = 0.01
CLASSFIERS = 10
CUDA = torch.cuda.is_available()
DEVICE = torch.device('cuda' if CUDA else 'cpu')
```

预定义图像变换

In [0]:

```
transform = {
    "train": transforms.Compose([
        transforms.RandomResizedCrop(INPUT_SIZE),
        transforms.RandomHorizontalFlip(),
        transforms.ToTensor(),
        transforms.Normalize([0.485, 0.456, 0.406], [0.229, 0.224, 0.225])
    ]),
    "val": transforms.Compose([
```

```
        transforms.Resize(IMG_SIZE),
        transforms.CenterCrop(INPUT_SIZE),
        transforms.ToTensor(),
        transforms.Normalize([0.485, 0.456, 0.406], [0.229, 0.224, 0.225])
    ])
}
```

读入图片

In [0]:

```
class DataSet(data.Dataset):
  def __init__(self, dataset, transform):
    self.dataset = dataset
    self.transform = transform

  def __getitem__(self, index):
    return self.transform(self.dataset[index][0]), self.dataset[index][1]

  def __len__(self):
    return len(self.dataset)
```

In [0]:

```
data_dir = "./images/face"


image_datasets = datasets.ImageFolder(data_dir)

train_size = int(len(image_datasets) * 0.8)
val_size = len(image_datasets) - train_size

train_subdataset, val_subdataset = data.random_split(image_datasets, [train_size, val_si
ze])

splited_datasets = {}
splited_datasets['train'] = DataSet(train_subdataset, transform['train'])
splited_datasets['val'] = DataSet(val_subdataset, transform['val'])

dataloaders = {x: torch.utils.data.DataLoader(splited_datasets[x], batch_size=BATCH_SIZE
, shuffle=True, num_workers=4) for x in ['train', 'val']}
```

定义模型

In [0]:

```
def ResNet152(classfiers):
  model = torchvision.models.resnet152(pretrained=True)

  # freeze
  for param in model.parameters():
    param.requires_grad = False

  # 放开最后一层
  for param in model.layer4.parameters():
    param.requires_grad = True

  model.fc = nn.Linear(model.fc.in_features, classfiers)
  model.to(DEVICE)
  return model
```

定义训练函数

In [0]:

```
def train(model, dataloader, optimizer, criterion):
  best_model = copy.deepcopy(model.state_dict())
```

```
  best_acc = 0.0

  for epoch in range(EPOCHS_SIZE):
    print("EPOCH {}/{}".format(epoch, EPOCHS_SIZE - 1))
    print("-" * 10)

    optim.lr_scheduler.StepLR(optimizer, 15, 0.01)

    for phase in ['train', 'val']:
      if phase == 'train':
        model.train()
      else:
        model.eval()

      running_loss = 0.0
      running_correct = 0

      for x, y in dataloader[phase]:
        x = x.to(DEVICE)
        y = y.to(DEVICE)

        optimizer.zero_grad()

        with torch.set_grad_enabled(phase == 'train'):
          out = model(x)
          loss = criterion(out, y)

        _, pred = torch.max(out, 1)



        if phase == 'train':
          loss.backward()
          optimizer.step()

        running_loss += loss.item() / x.size(0)
        running_correct += torch.sum(pred == y.data)

      epoch_loss = running_loss / len(dataloader[phase].dataset)
      epoch_acc = running_correct.double() / len(dataloader[phase].dataset)
      print("{} Loss: {:.4f} Acc: {:.4f} Best: {:.4f}".format(epoch, epoch_loss, epoch_a
cc, best_acc))


      if phase == 'val' and epoch_acc > best_acc:
        best_model = copy.deepcopy(model.state_dict())
        best_acc = epoch_acc
  model.load_state_dict(best_model)
  return model
```

执行一波 如果跑测试集请勿执行，要么比较慢

In [0]:

```
model = ResNet152(CLASSFIERS)
if not CUDA:
  criterion = nn.CrossEntropyLoss()
else:
  criterion = nn.CrossEntropyLoss().cuda(DEVICE)
optimizer = optim.SGD(model.parameters(), BASE_LR, momentum=0.9, weight_decay=0.0001)

model = train(model, dataloaders, optimizer, criterion)
torch.save(model.state_dict(), './mdl.pkl')
```

赶紧保存起来~

In [0]:

```
!cp ./mdl.pkl /content/drive/My\ Drive/AIColab/LookForJayChou/
```

进行分类验证

如果再执行，请执行上面除了训练的步骤，然后从这里执行~

In [0]:

```
!cp /content/drive/My\ Drive/AIColab/LookForJayChou/mdl.pkl  ./
!mkdir test_img
!cp /content/images/face/zhoujielun/155cbd30-ea50-11e9-b5e9-b025aa21b04b.jpg test_img
!cp /content/images/face/zhoujielun/442bccd2-ea4d-11e9-9157-b025aa21b04b.jpg test_img
```

In [0]:

```
# 定义测试数据集类
from PIL import Image
class TestDataSets(data.Dataset):
  def __init__(self, root, transform):
    self.img_path = [os.path.join(root, k) for k in os.listdir(root)]
    self.img_key = os.listdir(root)
    self.transform = transform

  def __getitem__(self, index):
    img_path = self.img_path[index]
    img = Image.open(img_path).convert('RGB')
    return self.transform(img)

  def __len__(self):
    return len(self.img_key)

  def get_idx_name_dict(self, data_dir):
    idx_name_dict = {}
    idx = 0
    listdir = os.listdir(data_dir)
    listdir.sort()
    for k in listdir:
      idx_name_dict[idx] = k
      idx += 1
    return idx_name_dict
```

In [0]:

```
!rm -rf ./test_img/.ipynb_checkpoints
import os


# 读入模型
model_state_dict = torch.load('./mdl.pkl')

# 定义空模型
model = torchvision.models.resnet152(pretrained=False, num_classes=10)

# 加载
model.eval()
model.load_state_dict(model_state_dict)

# dataset
testdataset = TestDataSets('./test_img/', transform['val'])

# dict
idx_name_dict = testdataset.get_idx_name_dict(data_dir)
# print(idx_name_dict)

# load
for x in data.DataLoader(testdataset):
  x.to(DEVICE)
  out = model(x)
  _, pred = torch.max(out, 1)

  print(idx_name_dict[pred.item()])
```

```
zhoujielun
zhoujielun
```

根据模型开始计算原有数据集所有图片的张量，并放在文件夹中统一检索

In [0]:

```
# 读入之前的文件夹，放到新的文件夹中
!rm -rf ./facetensor
!mkdir ./facetensor
```

In [0]:

```
# 重新遍历，然后处理放入文件夹中
yi = 0
pre_y = -1
test_data_set = DataSet(image_datasets, transform['val'])
for x, y in data.DataLoader(test_data_set):
  if pre_y != y.item():
    pre_y = y.item()
    yi = 0
  x.to(DEVICE)
  out = model(x)
  torch.save(out[0], './facetensor/' + idx_name_dict[y.item()] + "_" + str(yi) + ".pkl")
  yi += 1
```

打包保存，防止丢失

In [0]:

```
!rm -rf /content/drive/My\ Drive/AIColab/LookForJayChou/facefeature.tar.gz
!tar zcf facefeature.tar.gz ./facetensor
!cp facefeature.tar.gz /content/drive/My\ Drive/AIColab/LookForJayChou/
```

再次读取测试文件夹 读取并匹配最高的6个

In [0]:

```
!cp /content/drive/My\ Drive/AIColab/LookForJayChou/facefeature.tar.gz ./
!tar zxvf facefeature.tar.gz
```

```
./facetensor/
./facetensor/liuyifei_272.pkl
./facetensor/pengyuyan_78.pkl
./facetensor/liuyifei_177.pkl
./facetensor/liudehua_14.pkl
./facetensor/liuyifei_12.pkl
./facetensor/yuwenle_84.pkl
./facetensor/liuyifei_182.pkl
./facetensor/liuyifei_99.pkl
./facetensor/zhoudongyu_60.pkl
./facetensor/fanbingbing_70.pkl
./facetensor/zhoudongyu_20.pkl
./facetensor/fanbingbing_34.pkl
./facetensor/liuyifei_113.pkl
./facetensor/zhangziyi_39.pkl
./facetensor/liuyifei_261.pkl
./facetensor/fanbingbing_145.pkl
./facetensor/zhoudongyu_147.pkl
./facetensor/zhoudongyu_139.pkl
./facetensor/liangjiahui_32.pkl
./facetensor/liangjiahui_40.pkl
./facetensor/fanbingbing_134.pkl
./facetensor/liuyifei_191.pkl
./facetensor/zhoudongyu_162.pkl
./facetensor/liangjiahui_58.pkl
./facetensor/zhoujielun_39.pkl
```

./facetensor/zhoujielun_39.pkl
./facetensor/liuyifei_139.pkl
./facetensor/liangjiahui_99.pkl
./facetensor/fanbingbing_60.pkl
./facetensor/zhangziyi_16.pkl
./facetensor/yuwenle_13.pkl
./facetensor/zhoudongyu_2.pkl
./facetensor/zhangziyi_67.pkl
./facetensor/liuyifei_132.pkl
./facetensor/zhoudongyu_123.pkl
./facetensor/zhangziyi_7.pkl
./facetensor/liangjiahui_36.pkl
./facetensor/liuyifei_59.pkl
./facetensor/fanbingbing_167.pkl
./facetensor/liuyifei_221.pkl
./facetensor/pengyuyan_32.pkl
./facetensor/zhoudongyu_111.pkl
./facetensor/liudehua_15.pkl
./facetensor/liuyifei_10.pkl
./facetensor/liuyifei_260.pkl
./facetensor/fanbingbing_147.pkl
./facetensor/liuyifei_173.pkl
./facetensor/liuyifei_156.pkl
./facetensor/yuwenle_94.pkl
./facetensor/fanbingbing_32.pkl
./facetensor/zhoudongyu_59.pkl
./facetensor/liuyifei_126.pkl
./facetensor/jiangwen_27.pkl
./facetensor/zhoudongyu_61.pkl
./facetensor/liuyifei_283.pkl
./facetensor/yuwenle_34.pkl
./facetensor/yuwenle_68.pkl
./facetensor/zhoujielun_35.pkl
./facetensor/liuyifei_108.pkl
./facetensor/zhoudongyu_102.pkl
./facetensor/fanbingbing_115.pkl
./facetensor/zhoudongyu_58.pkl
./facetensor/liuyifei_69.pkl
./facetensor/zhoujielun_101.pkl
./facetensor/fanbingbing_114.pkl
./facetensor/zhoudongyu_98.pkl
./facetensor/yuwenle_4.pkl
./facetensor/zhoudongyu_104.pkl
./facetensor/zhoudongyu_117.pkl
./facetensor/jiangwen_37.pkl
./facetensor/fanbingbing_124.pkl
./facetensor/zhoudongyu_24.pkl
./facetensor/liangjiahui_37.pkl
./facetensor/yuwenle_91.pkl
./facetensor/fanbingbing_189.pkl
./facetensor/zhoujielun_91.pkl
./facetensor/fanbingbing_25.pkl
./facetensor/fanbingbing_194.pkl
./facetensor/zhoujielun_46.pkl
./facetensor/zhoudongyu_99.pkl
./facetensor/zhoujielun_52.pkl
./facetensor/zhangziyi_57.pkl
./facetensor/yuwenle_60.pkl
./facetensor/yuwenle_101.pkl
./facetensor/fanbingbing_166.pkl
./facetensor/zhoujielun_22.pkl
./facetensor/zhoudongyu_106.pkl
./facetensor/zhoudongyu_107.pkl
./facetensor/pengyuyan_94.pkl
./facetensor/liuyifei_157.pkl
./facetensor/pengyuyan_42.pkl
./facetensor/zhoudongyu_115.pkl
./facetensor/zhoujielun_15.pkl
./facetensor/zhoujielun_23.pkl
./facetensor/fanbingbing_155.pkl
./facetensor/fanbingbing_168.pkl
./facetensor/liuyifei_228.pkl
./facetensor/zhangziyi_62.pkl

./facetensor/zhangziyi_62.pkl
./facetensor/liangjiahui_46.pkl
./facetensor/liuyifei_246.pkl
./facetensor/fanbingbing_3.pkl
./facetensor/zhoujielun_40.pkl
./facetensor/zhoudongyu_49.pkl
./facetensor/liuyifei_42.pkl
./facetensor/fanbingbing_79.pkl
./facetensor/zhoudongyu_56.pkl
./facetensor/fanbingbing_169.pkl
./facetensor/zhoujielun_83.pkl
./facetensor/fanbingbing_175.pkl
./facetensor/liuyifei_24.pkl
./facetensor/fanbingbing_121.pkl
./facetensor/zhoujielun_97.pkl
./facetensor/zhoudongyu_105.pkl
./facetensor/yuwenle_70.pkl
./facetensor/zhangziyi_48.pkl
./facetensor/liuyifei_43.pkl
./facetensor/fanbingbing_181.pkl
./facetensor/fanbingbing_69.pkl
./facetensor/fanbingbing_120.pkl
./facetensor/zhangziyi_65.pkl
./facetensor/zhoudongyu_73.pkl
./facetensor/fanbingbing_4.pkl
./facetensor/liuyifei_98.pkl
./facetensor/zhoudongyu_27.pkl
./facetensor/fanbingbing_191.pkl
./facetensor/liuyifei_201.pkl
./facetensor/fanbingbing_156.pkl
./facetensor/zhangziyi_3.pkl
./facetensor/liangjiahui_55.pkl
./facetensor/liangjiahui_89.pkl
./facetensor/zhoujielun_81.pkl
./facetensor/liuyifei_169.pkl
./facetensor/fanbingbing_118.pkl
./facetensor/zhangziyi_92.pkl
./facetensor/liudehua_2.pkl
./facetensor/zhoujielun_65.pkl
./facetensor/zhoudongyu_77.pkl
./facetensor/liangjiahui_42.pkl
./facetensor/liuyifei_17.pkl
./facetensor/zhoudongyu_143.pkl
./facetensor/zhoujielun_36.pkl
./facetensor/yuwenle_87.pkl
./facetensor/yuwenle_57.pkl
./facetensor/liangjiahui_74.pkl
./facetensor/liuyifei_168.pkl
./facetensor/zhangziyi_5.pkl
./facetensor/fanbingbing_7.pkl
./facetensor/jiangwen_55.pkl
./facetensor/fanbingbing_35.pkl
./facetensor/zhoujielun_96.pkl
./facetensor/liuyifei_13.pkl
./facetensor/liuyifei_207.pkl
./facetensor/liuyifei_206.pkl
./facetensor/fanbingbing_77.pkl
./facetensor/zhangziyi_98.pkl
./facetensor/zhoujielun_69.pkl
./facetensor/pengyuyan_70.pkl
./facetensor/fanbingbing_23.pkl
./facetensor/zhoudongyu_26.pkl
./facetensor/liuyifei_56.pkl
./facetensor/yuwenle_59.pkl
./facetensor/fanbingbing_20.pkl
./facetensor/liuyifei_26.pkl
./facetensor/liuyifei_133.pkl
./facetensor/liuyifei_196.pkl
./facetensor/liangjiahui_19.pkl
./facetensor/liangjiahui_102.pkl
./facetensor/zhoudongyu_97.pkl
./facetensor/zhoudongyu_163.pkl
./facetensor/yuwenle_51.pkl

./facetensor/yuwenle_81.pkl
./facetensor/liangjiahui_70.pkl
./facetensor/liangjiahui_4.pkl
./facetensor/zhoudongyu_83.pkl
./facetensor/liudehua_49.pkl
./facetensor/pengyuyan_92.pkl
./facetensor/liuyifei_153.pkl
./facetensor/zhangziyi_58.pkl
./facetensor/zhoudongyu_45.pkl
./facetensor/zhoudongyu_89.pkl
./facetensor/fanbingbing_37.pkl
./facetensor/yuwenle_20.pkl
./facetensor/zhoudongyu_41.pkl
./facetensor/liangjiahui_57.pkl
./facetensor/zhoujielun_72.pkl
./facetensor/zhoudongyu_11.pkl
./facetensor/fanbingbing_30.pkl
./facetensor/liuyifei_106.pkl
./facetensor/zhangziyi_80.pkl
./facetensor/zhoujielun_73.pkl
./facetensor/liuyifei_0.pkl
./facetensor/liuyifei_235.pkl
./facetensor/yuwenle_105.pkl
./facetensor/fanbingbing_12.pkl
./facetensor/zhoudongyu_13.pkl
./facetensor/fanbingbing_138.pkl
./facetensor/pengyuyan_40.pkl
./facetensor/jiangwen_32.pkl
./facetensor/zhangziyi_13.pkl
./facetensor/yuwenle_53.pkl
./facetensor/fanbingbing_106.pkl
./facetensor/yuwenle_106.pkl
./facetensor/zhoudongyu_12.pkl
./facetensor/pengyuyan_45.pkl
./facetensor/jiangwen_59.pkl
./facetensor/liudehua_12.pkl
./facetensor/zhoujielun_57.pkl
./facetensor/pengyuyan_28.pkl
./facetensor/fanbingbing_161.pkl
./facetensor/fanbingbing_144.pkl
./facetensor/fanbingbing_133.pkl
./facetensor/fanbingbing_96.pkl
./facetensor/liudehua_53.pkl
./facetensor/fanbingbing_125.pkl
./facetensor/zhoudongyu_96.pkl
./facetensor/liuyifei_266.pkl
./facetensor/zhangziyi_37.pkl
./facetensor/fanbingbing_1.pkl
./facetensor/zhoujielun_45.pkl
./facetensor/fanbingbing_154.pkl
./facetensor/fanbingbing_126.pkl
./facetensor/liuyifei_244.pkl
./facetensor/yuwenle_114.pkl
./facetensor/liudehua_44.pkl
./facetensor/fanbingbing_18.pkl
./facetensor/liudehua_20.pkl
./facetensor/zhoudongyu_94.pkl
./facetensor/liangjiahui_88.pkl
./facetensor/zhoujielun_11.pkl
./facetensor/liuyifei_76.pkl
./facetensor/yuwenle_24.pkl
./facetensor/zhoudongyu_46.pkl
./facetensor/liuyifei_8.pkl
./facetensor/pengyuyan_19.pkl
./facetensor/zhoudongyu_17.pkl
./facetensor/liudehua_29.pkl
./facetensor/liangjiahui_91.pkl
./facetensor/fanbingbing_55.pkl
./facetensor/liudehua_11.pkl
./facetensor/liuyifei_245.pkl
./facetensor/pengyuyan_81.pkl
./facetensor/yuwenle_2.pkl
./facetensor/zhoujielun_44.pkl

./facetensor/zhoujielun_77.pkl
./facetensor/fanbingbing_74.pkl
./facetensor/zhoudongyu_65.pkl
./facetensor/fanbingbing_52.pkl
./facetensor/zhoujielun_55.pkl
./facetensor/yuwenle_107.pkl
./facetensor/liuyifei_151.pkl
./facetensor/zhangziyi_2.pkl
./facetensor/liuyifei_130.pkl
./facetensor/liangjiahui_56.pkl
./facetensor/zhoujielun_82.pkl
./facetensor/zhangziyi_86.pkl
./facetensor/jiangwen_40.pkl
./facetensor/liangjiahui_7.pkl
./facetensor/jiangwen_7.pkl
./facetensor/jiangwen_13.pkl
./facetensor/fanbingbing_33.pkl
./facetensor/fanbingbing_183.pkl
./facetensor/liuyifei_97.pkl
./facetensor/pengyuyan_31.pkl
./facetensor/liangjiahui_27.pkl
./facetensor/zhoudongyu_124.pkl
./facetensor/yuwenle_73.pkl
./facetensor/zhoujielun_48.pkl
./facetensor/liangjiahui_22.pkl
./facetensor/fanbingbing_136.pkl
./facetensor/pengyuyan_67.pkl
./facetensor/liudehua_43.pkl
./facetensor/zhoudongyu_133.pkl
./facetensor/zhoujielun_59.pkl
./facetensor/liuyifei_225.pkl
./facetensor/fanbingbing_84.pkl
./facetensor/liangjiahui_43.pkl
./facetensor/zhoujielun_105.pkl
./facetensor/fanbingbing_43.pkl
./facetensor/zhoujielun_60.pkl
./facetensor/pengyuyan_21.pkl
./facetensor/fanbingbing_61.pkl
./facetensor/liangjiahui_77.pkl
./facetensor/liangjiahui_52.pkl
./facetensor/yuwenle_82.pkl
./facetensor/liuyifei_198.pkl
./facetensor/yuwenle_26.pkl
./facetensor/fanbingbing_131.pkl
./facetensor/liudehua_3.pkl
./facetensor/liuyifei_259.pkl
./facetensor/liuyifei_275.pkl
./facetensor/fanbingbing_135.pkl
./facetensor/fanbingbing_99.pkl
./facetensor/liuyifei_6.pkl
./facetensor/liuyifei_179.pkl
./facetensor/liuyifei_38.pkl
./facetensor/zhoujielun_20.pkl
./facetensor/liangjiahui_115.pkl
./facetensor/liuyifei_185.pkl
./facetensor/liangjiahui_15.pkl
./facetensor/zhoujielun_12.pkl
./facetensor/zhoujielun_61.pkl
./facetensor/liangjiahui_90.pkl
./facetensor/liangjiahui_124.pkl
./facetensor/yuwenle_124.pkl
./facetensor/zhangziyi_44.pkl
./facetensor/fanbingbing_19.pkl
./facetensor/jiangwen_38.pkl
./facetensor/liudehua_30.pkl
./facetensor/pengyuyan_52.pkl
./facetensor/liangjiahui_66.pkl
./facetensor/liuyifei_120.pkl
./facetensor/zhoudongyu_109.pkl
./facetensor/yuwenle_15.pkl
./facetensor/liudehua_6.pkl

./facetensor/liuyifei_199.pkl
./facetensor/liuyifei_217.pkl
./facetensor/liangjiahui_128.pkl
./facetensor/liuyifei_45.pkl
./facetensor/yuwenle_69.pkl
./facetensor/liangjiahui_16.pkl
./facetensor/yuwenle_104.pkl
./facetensor/liuyifei_86.pkl
./facetensor/liangjiahui_111.pkl
./facetensor/yuwenle_12.pkl
./facetensor/zhoudongyu_116.pkl
./facetensor/fanbingbing_54.pkl
./facetensor/jiangwen_0.pkl
./facetensor/fanbingbing_192.pkl
./facetensor/yuwenle_17.pkl
./facetensor/yuwenle_123.pkl
./facetensor/zhoujielun_113.pkl
./facetensor/yuwenle_9.pkl
./facetensor/pengyuyan_93.pkl
./facetensor/liuyifei_274.pkl
./facetensor/fanbingbing_78.pkl
./facetensor/fanbingbing_92.pkl
./facetensor/fanbingbing_177.pkl
./facetensor/pengyuyan_79.pkl
./facetensor/liangjiahui_31.pkl
./facetensor/liuyifei_180.pkl
./facetensor/liuyifei_232.pkl
./facetensor/liangjiahui_35.pkl
./facetensor/liuyifei_155.pkl
./facetensor/zhangziyi_59.pkl
./facetensor/liudehua_37.pkl
./facetensor/pengyuyan_53.pkl
./facetensor/fanbingbing_9.pkl
./facetensor/zhoujielun_88.pkl
./facetensor/zhoujielun_5.pkl
./facetensor/zhoujielun_64.pkl
./facetensor/zhoujielun_4.pkl
./facetensor/liudehua_13.pkl
./facetensor/fanbingbing_141.pkl
./facetensor/zhoudongyu_15.pkl
./facetensor/zhangziyi_25.pkl
./facetensor/zhoudongyu_21.pkl
./facetensor/yuwenle_121.pkl
./facetensor/yuwenle_47.pkl
./facetensor/liudehua_54.pkl
./facetensor/liangjiahui_79.pkl
./facetensor/liangjiahui_28.pkl
./facetensor/liuyifei_160.pkl
./facetensor/fanbingbing_171.pkl
./facetensor/zhoudongyu_132.pkl
./facetensor/liuyifei_2.pkl
./facetensor/jiangwen_1.pkl
./facetensor/zhoujielun_112.pkl
./facetensor/zhoudongyu_144.pkl
./facetensor/pengyuyan_44.pkl
./facetensor/liudehua_8.pkl
./facetensor/zhoujielun_95.pkl
./facetensor/fanbingbing_44.pkl
./facetensor/liangjiahui_103.pkl
./facetensor/zhoujielun_31.pkl
./facetensor/yuwenle_32.pkl
./facetensor/pengyuyan_90.pkl
./facetensor/liuyifei_143.pkl
./facetensor/fanbingbing_83.pkl
./facetensor/fanbingbing_73.pkl
./facetensor/zhoudongyu_53.pkl
./facetensor/pengyuyan_10.pkl
./facetensor/zhoujielun_16.pkl
./facetensor/liuyifei_251.pkl
./facetensor/jiangwen_2.pkl
./facetensor/yuwenle_62.pkl
./facetensor/liuyifei_158.pkl
./facetensor/liuyifei_195.pkl

./facetensor/liuyifei_195.pkl
./facetensor/zhoudongyu_38.pkl
./facetensor/zhoujielun_102.pkl
./facetensor/liangjiahui_132.pkl
./facetensor/liuyifei_127.pkl
./facetensor/pengyuyan_13.pkl
./facetensor/liuyifei_136.pkl
./facetensor/liangjiahui_59.pkl
./facetensor/zhoujielun_109.pkl
./facetensor/pengyuyan_23.pkl
./facetensor/zhangziyi_85.pkl
./facetensor/zhangziyi_83.pkl
./facetensor/pengyuyan_27.pkl
./facetensor/liuyifei_131.pkl
./facetensor/zhangziyi_35.pkl
./facetensor/zhoudongyu_126.pkl
./facetensor/liangjiahui_33.pkl
./facetensor/yuwenle_99.pkl
./facetensor/zhoudongyu_87.pkl
./facetensor/jiangwen_48.pkl
./facetensor/yuwenle_78.pkl
./facetensor/jiangwen_10.pkl
./facetensor/zhangziyi_70.pkl
./facetensor/liudehua_55.pkl
./facetensor/liudehua_0.pkl
./facetensor/liangjiahui_67.pkl
./facetensor/liuyifei_270.pkl
./facetensor/fanbingbing_188.pkl
./facetensor/fanbingbing_129.pkl
./facetensor/yuwenle_111.pkl
./facetensor/yuwenle_103.pkl
./facetensor/pengyuyan_22.pkl
./facetensor/pengyuyan_34.pkl
./facetensor/liudehua_41.pkl
./facetensor/fanbingbing_110.pkl
./facetensor/zhoudongyu_128.pkl
./facetensor/zhoujielun_19.pkl
./facetensor/pengyuyan_71.pkl
./facetensor/zhangziyi_52.pkl
./facetensor/liuyifei_257.pkl
./facetensor/liuyifei_67.pkl
./facetensor/liangjiahui_1.pkl
./facetensor/jiangwen_19.pkl
./facetensor/liangjiahui_14.pkl
./facetensor/liuyifei_27.pkl
./facetensor/jiangwen_43.pkl
./facetensor/fanbingbing_137.pkl
./facetensor/liudehua_24.pkl
./facetensor/liuyifei_60.pkl
./facetensor/zhoudongyu_169.pkl
./facetensor/liuyifei_233.pkl
./facetensor/liuyifei_14.pkl
./facetensor/liuyifei_50.pkl
./facetensor/liuyifei_247.pkl
./facetensor/fanbingbing_174.pkl
./facetensor/liangjiahui_11.pkl
./facetensor/liuyifei_61.pkl
./facetensor/pengyuyan_8.pkl
./facetensor/zhangziyi_74.pkl
./facetensor/yuwenle_71.pkl
./facetensor/liuyifei_216.pkl
./facetensor/zhangziyi_6.pkl
./facetensor/liangjiahui_105.pkl
./facetensor/liangjiahui_109.pkl
./facetensor/pengyuyan_5.pkl
./facetensor/yuwenle_22.pkl
./facetensor/pengyuyan_56.pkl
./facetensor/yuwenle_54.pkl
./facetensor/fanbingbing_8.pkl
./facetensor/liuyifei_175.pkl
./facetensor/jiangwen_9.pkl
./facetensor/liuyifei_52.pkl
./facetensor/zhoujielun_74.pkl

./facetensor/zhoujielun_110.pkl
./facetensor/liuyifei_271.pkl
./facetensor/zhoudongyu_154.pkl
./facetensor/pengyuyan_2.pkl
./facetensor/liuyifei_54.pkl
./facetensor/liuyifei_109.pkl
./facetensor/zhoudongyu_75.pkl
./facetensor/liuyifei_121.pkl
./facetensor/liuyifei_162.pkl
./facetensor/zhoudongyu_8.pkl
./facetensor/zhoujielun_76.pkl
./facetensor/fanbingbing_100.pkl
./facetensor/fanbingbing_88.pkl
./facetensor/liuyifei_82.pkl
./facetensor/zhoudongyu_22.pkl
./facetensor/yuwenle_3.pkl
./facetensor/jiangwen_45.pkl
./facetensor/zhangziyi_96.pkl
./facetensor/yuwenle_109.pkl
./facetensor/zhoudongyu_120.pkl
./facetensor/liuyifei_276.pkl
./facetensor/liangjiahui_86.pkl
./facetensor/zhoujielun_67.pkl
./facetensor/liangjiahui_63.pkl
./facetensor/pengyuyan_20.pkl
./facetensor/zhangziyi_64.pkl
./facetensor/yuwenle_108.pkl
./facetensor/liangjiahui_121.pkl
./facetensor/liuyifei_91.pkl
./facetensor/liuyifei_223.pkl
./facetensor/zhoujielun_106.pkl
./facetensor/jiangwen_11.pkl
./facetensor/jiangwen_58.pkl
./facetensor/yuwenle_10.pkl
./facetensor/fanbingbing_128.pkl
./facetensor/fanbingbing_170.pkl
./facetensor/fanbingbing_172.pkl
./facetensor/liuyifei_220.pkl
./facetensor/fanbingbing_158.pkl
./facetensor/liuyifei_34.pkl
./facetensor/zhangziyi_14.pkl
./facetensor/liuyifei_174.pkl
./facetensor/zhoujielun_66.pkl
./facetensor/zhoujielun_94.pkl
./facetensor/liangjiahui_51.pkl
./facetensor/liudehua_51.pkl
./facetensor/zhangziyi_88.pkl
./facetensor/liuyifei_214.pkl
./facetensor/zhoudongyu_146.pkl
./facetensor/zhangziyi_61.pkl
./facetensor/zhoudongyu_86.pkl
./facetensor/zhangziyi_19.pkl
./facetensor/zhangziyi_45.pkl
./facetensor/liuyifei_116.pkl
./facetensor/liuyifei_152.pkl
./facetensor/zhoudongyu_119.pkl
./facetensor/zhoudongyu_50.pkl
./facetensor/liuyifei_3.pkl
./facetensor/fanbingbing_193.pkl
./facetensor/liangjiahui_30.pkl
./facetensor/liangjiahui_60.pkl
./facetensor/liuyifei_92.pkl
./facetensor/zhangziyi_30.pkl
./facetensor/fanbingbing_162.pkl
./facetensor/zhangziyi_91.pkl
./facetensor/zhoudongyu_1.pkl
./facetensor/liuyifei_79.pkl
./facetensor/zhoudongyu_62.pkl
./facetensor/zhoujielun_8.pkl
./facetensor/zhoudongyu_158.pkl
./facetensor/zhoudongyu_149.pkl

./facetensor/liuyifei_145.pkl
./facetensor/zhoudongyu_52.pkl
./facetensor/zhoujielun_99.pkl
./facetensor/yuwenle_79.pkl
./facetensor/zhoudongyu_5.pkl
./facetensor/zhoudongyu_44.pkl
./facetensor/liudehua_22.pkl
./facetensor/liangjiahui_53.pkl
./facetensor/zhoudongyu_71.pkl
./facetensor/liuyifei_202.pkl
./facetensor/zhoujielun_92.pkl
./facetensor/zhoujielun_6.pkl
./facetensor/yuwenle_61.pkl
./facetensor/zhoudongyu_122.pkl
./facetensor/zhangziyi_56.pkl
./facetensor/yuwenle_5.pkl
./facetensor/pengyuyan_41.pkl
./facetensor/zhangziyi_89.pkl
./facetensor/zhoudongyu_32.pkl
./facetensor/liangjiahui_113.pkl
./facetensor/liangjiahui_127.pkl
./facetensor/liuyifei_134.pkl
./facetensor/liudehua_18.pkl
./facetensor/fanbingbing_47.pkl
./facetensor/liuyifei_63.pkl
./facetensor/liudehua_21.pkl
./facetensor/liuyifei_84.pkl
./facetensor/liuyifei_172.pkl
./facetensor/liudehua_50.pkl
./facetensor/zhoudongyu_55.pkl
./facetensor/yuwenle_122.pkl
./facetensor/zhoujielun_1.pkl
./facetensor/liuyifei_93.pkl
./facetensor/fanbingbing_150.pkl
./facetensor/pengyuyan_15.pkl
./facetensor/liangjiahui_5.pkl
./facetensor/yuwenle_92.pkl
./facetensor/zhoujielun_115.pkl
./facetensor/zhoudongyu_125.pkl
./facetensor/liuyifei_4.pkl
./facetensor/liuyifei_107.pkl
./facetensor/zhangziyi_36.pkl
./facetensor/jiangwen_61.pkl
./facetensor/liuyifei_122.pkl
./facetensor/fanbingbing_151.pkl
./facetensor/fanbingbing_6.pkl
./facetensor/zhoujielun_38.pkl
./facetensor/pengyuyan_64.pkl
./facetensor/liudehua_17.pkl
./facetensor/zhoudongyu_80.pkl
./facetensor/zhangziyi_38.pkl
./facetensor/zhoudongyu_152.pkl
./facetensor/liuyifei_31.pkl
./facetensor/liudehua_39.pkl
./facetensor/zhoujielun_9.pkl
./facetensor/yuwenle_21.pkl
./facetensor/zhoudongyu_54.pkl
./facetensor/zhangziyi_78.pkl
./facetensor/pengyuyan_61.pkl
./facetensor/pengyuyan_80.pkl
./facetensor/zhoudongyu_67.pkl
./facetensor/zhoudongyu_0.pkl
./facetensor/zhoujielun_62.pkl
./facetensor/pengyuyan_50.pkl
./facetensor/pengyuyan_66.pkl
./facetensor/zhangziyi_32.pkl
./facetensor/liangjiahui_10.pkl
./facetensor/liuyifei_142.pkl
./facetensor/zhangziyi_95.pkl
./facetensor/liuyifei_140.pkl
./facetensor/zhangziyi_31.pkl
./facetensor/zhoujielun_114.pkl

./facetensor/zhoujielun_111.pkl
./facetensor/liangjiahui_34.pkl
./facetensor/liudehua_28.pkl
./facetensor/liuyifei_85.pkl
./facetensor/pengyuyan_16.pkl
./facetensor/fanbingbing_148.pkl
./facetensor/fanbingbing_123.pkl
./facetensor/yuwenle_33.pkl
./facetensor/zhoudongyu_10.pkl
./facetensor/liangjiahui_68.pkl
./facetensor/liuyifei_128.pkl
./facetensor/liudehua_38.pkl
./facetensor/liuyifei_255.pkl
./facetensor/zhangziyi_8.pkl
./facetensor/liuyifei_253.pkl
./facetensor/liangjiahui_44.pkl
./facetensor/liuyifei_80.pkl
./facetensor/zhangziyi_12.pkl
./facetensor/zhoujielun_18.pkl
./facetensor/liuyifei_51.pkl
./facetensor/fanbingbing_15.pkl
./facetensor/zhoudongyu_18.pkl
./facetensor/yuwenle_58.pkl
./facetensor/yuwenle_39.pkl
./facetensor/liudehua_9.pkl
./facetensor/zhoujielun_13.pkl
./facetensor/zhoudongyu_76.pkl
./facetensor/liangjiahui_95.pkl
./facetensor/yuwenle_95.pkl
./facetensor/fanbingbing_51.pkl
./facetensor/zhangziyi_63.pkl
./facetensor/liangjiahui_61.pkl
./facetensor/fanbingbing_142.pkl
./facetensor/zhoudongyu_142.pkl
./facetensor/zhangziyi_40.pkl
./facetensor/zhoujielun_103.pkl
./facetensor/pengyuyan_6.pkl
./facetensor/yuwenle_46.pkl
./facetensor/jiangwen_28.pkl
./facetensor/liangjiahui_110.pkl
./facetensor/liuyifei_129.pkl
./facetensor/fanbingbing_111.pkl
./facetensor/zhoudongyu_160.pkl
./facetensor/liuyifei_213.pkl
./facetensor/pengyuyan_12.pkl
./facetensor/pengyuyan_24.pkl
./facetensor/liuyifei_39.pkl
./facetensor/zhoudongyu_136.pkl
./facetensor/liuyifei_281.pkl
./facetensor/yuwenle_50.pkl
./facetensor/zhoudongyu_47.pkl
./facetensor/zhoudongyu_108.pkl
./facetensor/zhoudongyu_39.pkl
./facetensor/zhoudongyu_33.pkl
./facetensor/liuyifei_90.pkl
./facetensor/zhoujielun_28.pkl
./facetensor/liuyifei_65.pkl
./facetensor/zhoudongyu_100.pkl
./facetensor/liangjiahui_76.pkl
./facetensor/jiangwen_20.pkl
./facetensor/pengyuyan_30.pkl
./facetensor/fanbingbing_95.pkl
./facetensor/yuwenle_80.pkl
./facetensor/zhoudongyu_168.pkl
./facetensor/zhangziyi_60.pkl
./facetensor/liuyifei_147.pkl
./facetensor/liangjiahui_83.pkl
./facetensor/fanbingbing_178.pkl
./facetensor/liuyifei_166.pkl
./facetensor/liuyifei_190.pkl
./facetensor/liuyifei_231.pkl
./facetensor/pengyuyan_63.pkl
./facetensor/liangjiahui_26.pkl

./facetensor/liangjiahui_20.pkl
./facetensor/yuwenle_86.pkl
./facetensor/yuwenle_112.pkl
./facetensor/yuwenle_1.pkl
./facetensor/zhangziyi_93.pkl
./facetensor/fanbingbing_97.pkl
./facetensor/zhangziyi_17.pkl
./facetensor/zhangziyi_34.pkl
./facetensor/pengyuyan_3.pkl
./facetensor/zhangziyi_97.pkl
./facetensor/zhoudongyu_35.pkl
./facetensor/zhoudongyu_90.pkl
./facetensor/zhangziyi_51.pkl
./facetensor/yuwenle_90.pkl
./facetensor/liangjiahui_62.pkl
./facetensor/jiangwen_41.pkl
./facetensor/liudehua_40.pkl
./facetensor/zhoudongyu_30.pkl
./facetensor/liangjiahui_92.pkl
./facetensor/yuwenle_125.pkl
./facetensor/liangjiahui_73.pkl
./facetensor/yuwenle_18.pkl
./facetensor/liuyifei_83.pkl
./facetensor/liuyifei_249.pkl
./facetensor/fanbingbing_85.pkl
./facetensor/liuyifei_187.pkl
./facetensor/zhoujielun_42.pkl
./facetensor/zhoudongyu_151.pkl
./facetensor/zhoujielun_71.pkl
./facetensor/liuyifei_21.pkl
./facetensor/zhangziyi_46.pkl
./facetensor/liudehua_16.pkl
./facetensor/liuyifei_282.pkl
./facetensor/zhoujielun_37.pkl
./facetensor/fanbingbing_28.pkl
./facetensor/jiangwen_44.pkl
./facetensor/yuwenle_30.pkl
./facetensor/jiangwen_36.pkl
./facetensor/liuyifei_35.pkl
./facetensor/zhoujielun_68.pkl
./facetensor/zhoudongyu_29.pkl
./facetensor/zhangziyi_87.pkl
./facetensor/pengyuyan_33.pkl
./facetensor/zhoudongyu_28.pkl
./facetensor/pengyuyan_39.pkl
./facetensor/pengyuyan_86.pkl
./facetensor/liuyifei_265.pkl
./facetensor/liuyifei_161.pkl
./facetensor/jiangwen_24.pkl
./facetensor/liuyifei_36.pkl
./facetensor/liuyifei_22.pkl
./facetensor/yuwenle_29.pkl
./facetensor/liuyifei_77.pkl
./facetensor/jiangwen_14.pkl
./facetensor/fanbingbing_103.pkl
./facetensor/zhoudongyu_69.pkl
./facetensor/fanbingbing_38.pkl
./facetensor/zhoudongyu_129.pkl
./facetensor/liudehua_46.pkl
./facetensor/jiangwen_35.pkl
./facetensor/zhoudongyu_81.pkl
./facetensor/liuyifei_9.pkl
./facetensor/zhoujielun_116.pkl
./facetensor/fanbingbing_48.pkl
./facetensor/zhoudongyu_40.pkl
./facetensor/pengyuyan_47.pkl
./facetensor/liuyifei_58.pkl
./facetensor/yuwenle_76.pkl
./facetensor/zhoudongyu_141.pkl
./facetensor/fanbingbing_146.pkl
./facetensor/liuyifei_137.pkl
./facetensor/jiangwen_56.pkl
./facetensor/fanbingbing_130.pkl

./facetensor/fanbingbing_190.pkl
./facetensor/liuyifei_167.pkl
./facetensor/liangjiahui_125.pkl
./facetensor/liudehua_36.pkl
./facetensor/liuyifei_117.pkl
./facetensor/yuwenle_97.pkl
./facetensor/liuyifei_212.pkl
./facetensor/zhoudongyu_64.pkl
./facetensor/fanbingbing_164.pkl
./facetensor/pengyuyan_75.pkl
./facetensor/jiangwen_22.pkl
./facetensor/liuyifei_32.pkl
./facetensor/liudehua_45.pkl
./facetensor/yuwenle_37.pkl
./facetensor/fanbingbing_160.pkl
./facetensor/zhoujielun_34.pkl
./facetensor/zhangziyi_22.pkl
./facetensor/zhoudongyu_37.pkl
./facetensor/zhoudongyu_51.pkl
./facetensor/jiangwen_8.pkl
./facetensor/yuwenle_56.pkl
./facetensor/pengyuyan_60.pkl
./facetensor/liangjiahui_8.pkl
./facetensor/liuyifei_49.pkl
./facetensor/liuyifei_73.pkl
./facetensor/liudehua_47.pkl
./facetensor/liuyifei_149.pkl
./facetensor/zhangziyi_21.pkl
./facetensor/liuyifei_219.pkl
./facetensor/liuyifei_268.pkl
./facetensor/pengyuyan_38.pkl
./facetensor/liuyifei_48.pkl
./facetensor/fanbingbing_46.pkl
./facetensor/fanbingbing_159.pkl
./facetensor/jiangwen_6.pkl
./facetensor/liangjiahui_69.pkl
./facetensor/pengyuyan_72.pkl
./facetensor/zhangziyi_27.pkl
./facetensor/fanbingbing_86.pkl
./facetensor/zhoujielun_25.pkl
./facetensor/zhoudongyu_155.pkl
./facetensor/liuyifei_40.pkl
./facetensor/liuyifei_28.pkl
./facetensor/liuyifei_171.pkl
./facetensor/zhoudongyu_23.pkl
./facetensor/fanbingbing_67.pkl
./facetensor/liangjiahui_130.pkl
./facetensor/zhangziyi_55.pkl
./facetensor/liuyifei_104.pkl
./facetensor/fanbingbing_81.pkl
./facetensor/fanbingbing_117.pkl
./facetensor/liuyifei_114.pkl
./facetensor/jiangwen_3.pkl
./facetensor/yuwenle_11.pkl
./facetensor/fanbingbing_182.pkl
./facetensor/zhoujielun_41.pkl
./facetensor/zhoujielun_26.pkl
./facetensor/liuyifei_41.pkl
./facetensor/zhoujielun_29.pkl
./facetensor/jiangwen_33.pkl
./facetensor/liuyifei_20.pkl
./facetensor/liangjiahui_122.pkl
./facetensor/liangjiahui_41.pkl
./facetensor/liangjiahui_81.pkl
./facetensor/liangjiahui_25.pkl
./facetensor/fanbingbing_2.pkl
./facetensor/jiangwen_53.pkl
./facetensor/jiangwen_49.pkl
./facetensor/pengyuyan_58.pkl
./facetensor/zhoudongyu_166.pkl
./facetensor/yuwenle_75.pkl
./facetensor/zhoujielun_50.pkl
./facetensor/zhoujielun_117.pkl

./facetensor/zhangziyi_82.pkl
./facetensor/pengyuyan_74.pkl
./facetensor/liuyifei_87.pkl
./facetensor/jiangwen_4.pkl
./facetensor/liuyifei_68.pkl
./facetensor/zhoudongyu_14.pkl
./facetensor/liangjiahui_50.pkl
./facetensor/liuyifei_226.pkl
./facetensor/liuyifei_89.pkl
./facetensor/zhoujielun_108.pkl
./facetensor/liangjiahui_118.pkl
./facetensor/fanbingbing_53.pkl
./facetensor/liuyifei_230.pkl
./facetensor/pengyuyan_7.pkl
./facetensor/liuyifei_170.pkl
./facetensor/liangjiahui_20.pkl
./facetensor/fanbingbing_185.pkl
./facetensor/zhoujielun_33.pkl
./facetensor/liangjiahui_75.pkl
./facetensor/liuyifei_204.pkl
./facetensor/pengyuyan_1.pkl
./facetensor/yuwenle_36.pkl
./facetensor/yuwenle_65.pkl
./facetensor/zhoujielun_53.pkl
./facetensor/zhoujielun_58.pkl
./facetensor/yuwenle_14.pkl
./facetensor/jiangwen_39.pkl
./facetensor/jiangwen_17.pkl
./facetensor/liuyifei_46.pkl
./facetensor/zhoujielun_87.pkl
./facetensor/liuyifei_279.pkl
./facetensor/fanbingbing_153.pkl
./facetensor/liangjiahui_106.pkl
./facetensor/zhoudongyu_140.pkl
./facetensor/liudehua_25.pkl
./facetensor/yuwenle_93.pkl
./facetensor/zhoudongyu_127.pkl
./facetensor/liuyifei_163.pkl
./facetensor/fanbingbing_45.pkl
./facetensor/liudehua_4.pkl
./facetensor/zhoudongyu_7.pkl
./facetensor/liuyifei_123.pkl
./facetensor/zhoujielun_17.pkl
./facetensor/pengyuyan_37.pkl
./facetensor/zhoujielun_32.pkl
./facetensor/yuwenle_116.pkl
./facetensor/yuwenle_74.pkl
./facetensor/liuyifei_237.pkl
./facetensor/liuyifei_239.pkl
./facetensor/liuyifei_159.pkl
./facetensor/fanbingbing_82.pkl
./facetensor/liangjiahui_24.pkl
./facetensor/liuyifei_262.pkl
./facetensor/liuyifei_176.pkl
./facetensor/liangjiahui_129.pkl
./facetensor/zhoujielun_98.pkl
./facetensor/liuyifei_119.pkl
./facetensor/fanbingbing_139.pkl
./facetensor/liuyifei_248.pkl
./facetensor/fanbingbing_122.pkl
./facetensor/fanbingbing_62.pkl
./facetensor/liuyifei_15.pkl
./facetensor/pengyuyan_91.pkl
./facetensor/zhangziyi_50.pkl
./facetensor/liangjiahui_64.pkl
./facetensor/fanbingbing_14.pkl
./facetensor/pengyuyan_73.pkl
./facetensor/fanbingbing_195.pkl
./facetensor/liangjiahui_47.pkl
./facetensor/yuwenle_100.pkl
./facetensor/pengyuyan_46.pkl

./facetensor/liangjiahui_119.pkl
./facetensor/fanbingbing_101.pkl
./facetensor/yuwenle_120.pkl
./facetensor/liuyifei_194.pkl
./facetensor/fanbingbing_59.pkl
./facetensor/liuyifei_252.pkl
./facetensor/jiangwen_23.pkl
./facetensor/zhoudongyu_156.pkl
./facetensor/zhoudongyu_85.pkl
./facetensor/liuyifei_189.pkl
./facetensor/liuyifei_224.pkl
./facetensor/zhoujielun_93.pkl
./facetensor/yuwenle_23.pkl
./facetensor/jiangwen_54.pkl
./facetensor/fanbingbing_24.pkl
./facetensor/yuwenle_96.pkl
./facetensor/pengyuyan_26.pkl
./facetensor/liuyifei_148.pkl
./facetensor/pengyuyan_57.pkl
./facetensor/zhangziyi_47.pkl
./facetensor/liuyifei_37.pkl
./facetensor/yuwenle_81.pkl
./facetensor/fanbingbing_16.pkl
./facetensor/zhangziyi_20.pkl
./facetensor/liudehua_42.pkl
./facetensor/fanbingbing_93.pkl
./facetensor/zhangziyi_81.pkl
./facetensor/yuwenle_40.pkl
./facetensor/pengyuyan_36.pkl
./facetensor/fanbingbing_187.pkl
./facetensor/pengyuyan_54.pkl
./facetensor/fanbingbing_22.pkl
./facetensor/yuwenle_0.pkl
./facetensor/yuwenle_119.pkl
./facetensor/liangjiahui_18.pkl
./facetensor/liudehua_56.pkl
./facetensor/zhoudongyu_63.pkl
./facetensor/zhoudongyu_25.pkl
./facetensor/liangjiahui_96.pkl
./facetensor/liangjiahui_9.pkl
./facetensor/zhoujielun_21.pkl
./facetensor/liuyifei_19.pkl
./facetensor/zhangziyi_73.pkl
./facetensor/liuyifei_53.pkl
./facetensor/fanbingbing_184.pkl
./facetensor/liuyifei_125.pkl
./facetensor/liuyifei_267.pkl
./facetensor/liudehua_48.pkl
./facetensor/yuwenle_117.pkl
./facetensor/zhangziyi_15.pkl
./facetensor/liangjiahui_2.pkl
./facetensor/liuyifei_210.pkl
./facetensor/pengyuyan_48.pkl
./facetensor/zhangziyi_75.pkl
./facetensor/zhoujielun_51.pkl
./facetensor/liuyifei_95.pkl
./facetensor/zhoudongyu_164.pkl
./facetensor/fanbingbing_40.pkl
./facetensor/liuyifei_208.pkl
./facetensor/jiangwen_60.pkl
./facetensor/zhoudongyu_36.pkl
./facetensor/liuyifei_254.pkl
./facetensor/jiangwen_18.pkl
./facetensor/yuwenle_48.pkl
./facetensor/pengyuyan_62.pkl
./facetensor/liangjiahui_114.pkl
./facetensor/liuyifei_243.pkl
./facetensor/zhoujielun_75.pkl
./facetensor/fanbingbing_173.pkl
./facetensor/zhangziyi_76.pkl
./facetensor/fanbingbing_186.pkl
./facetensor/zhangziyi_26.pkl
./facetensor/yuwenle_16.pkl

./facetensor/yuwenle_10.pkl
./facetensor/liuyifei_1.pkl
./facetensor/fanbingbing_31.pkl
./facetensor/liudehua_1.pkl
./facetensor/liangjiahui_108.pkl
./facetensor/zhangziyi_90.pkl
./facetensor/fanbingbing_157.pkl
./facetensor/pengyuyan_9.pkl
./facetensor/liuyifei_47.pkl
./facetensor/liuyifei_277.pkl
./facetensor/liuyifei_186.pkl
./facetensor/zhoudongyu_9.pkl
./facetensor/yuwenle_110.pkl
./facetensor/zhoudongyu_95.pkl
./facetensor/zhoujielun_54.pkl
./facetensor/fanbingbing_105.pkl
./facetensor/fanbingbing_63.pkl
./facetensor/fanbingbing_152.pkl
./facetensor/zhoudongyu_165.pkl
./facetensor/liangjiahui_49.pkl
./facetensor/liuyifei_72.pkl
./facetensor/zhangziyi_23.pkl
./facetensor/zhoujielun_79.pkl
./facetensor/zhangziyi_10.pkl
./facetensor/zhangziyi_33.pkl
./facetensor/zhangziyi_28.pkl
./facetensor/fanbingbing_56.pkl
./facetensor/pengyuyan_35.pkl
./facetensor/liuyifei_234.pkl
./facetensor/liudehua_31.pkl
./facetensor/pengyuyan_76.pkl
./facetensor/pengyuyan_4.pkl
./facetensor/yuwenle_72.pkl
./facetensor/zhoudongyu_79.pkl
./facetensor/liuyifei_25.pkl
./facetensor/liuyifei_144.pkl
./facetensor/zhoudongyu_157.pkl
./facetensor/yuwenle_45.pkl
./facetensor/liuyifei_70.pkl
./facetensor/yuwenle_83.pkl
./facetensor/pengyuyan_55.pkl
./facetensor/liudehua_32.pkl
./facetensor/fanbingbing_107.pkl
./facetensor/zhoudongyu_138.pkl
./facetensor/liudehua_35.pkl
./facetensor/zhoudongyu_150.pkl
./facetensor/liudehua_52.pkl
./facetensor/yuwenle_31.pkl
./facetensor/liuyifei_218.pkl
./facetensor/zhoujielun_89.pkl
./facetensor/liangjiahui_80.pkl
./facetensor/liangjiahui_72.pkl
./facetensor/jiangwen_29.pkl
./facetensor/zhoujielun_111.pkl
./facetensor/liuyifei_273.pkl
./facetensor/zhoujielun_63.pkl
./facetensor/fanbingbing_17.pkl
./facetensor/liudehua_34.pkl
./facetensor/liuyifei_75.pkl
./facetensor/liuyifei_55.pkl
./facetensor/pengyuyan_11.pkl
./facetensor/zhoudongyu_34.pkl
./facetensor/zhoudongyu_118.pkl
./facetensor/zhoudongyu_101.pkl
./facetensor/liangjiahui_123.pkl
./facetensor/liuyifei_33.pkl
./facetensor/liuyifei_62.pkl
./facetensor/liangjiahui_104.pkl
./facetensor/liuyifei_154.pkl
./facetensor/jiangwen_30.pkl
./facetensor/fanbingbing_50.pkl
./facetensor/liuyifei_112.pkl
./facetensor/zhoujielun_2.pkl

./facetensor/zhoujielun_100.pkl
./facetensor/zhoudongyu_57.pkl
./facetensor/zhoudongyu_31.pkl
./facetensor/liangjiahui_71.pkl
./facetensor/liuyifei_5.pkl
./facetensor/fanbingbing_143.pkl
./facetensor/pengyuyan_49.pkl
./facetensor/fanbingbing_11.pkl
./facetensor/liuyifei_264.pkl
./facetensor/zhangziyi_53.pkl
./facetensor/liuyifei_102.pkl
./facetensor/fanbingbing_57.pkl
./facetensor/jiangwen_31.pkl
./facetensor/zhangziyi_71.pkl
./facetensor/yuwenle_43.pkl
./facetensor/liuyifei_16.pkl
./facetensor/zhangziyi_1.pkl
./facetensor/zhoudongyu_92.pkl
./facetensor/zhangziyi_43.pkl
./facetensor/fanbingbing_180.pkl
./facetensor/liuyifei_211.pkl
./facetensor/zhoudongyu_167.pkl
./facetensor/yuwenle_77.pkl
./facetensor/zhoudongyu_113.pkl
./facetensor/pengyuyan_14.pkl
./facetensor/fanbingbing_26.pkl
./facetensor/jiangwen_26.pkl
./facetensor/yuwenle_28.pkl
./facetensor/liuyifei_238.pkl
./facetensor/liangjiahui_93.pkl
./facetensor/liuyifei_256.pkl
./facetensor/zhoujielun_86.pkl
./facetensor/liangjiahui_39.pkl
./facetensor/zhangziyi_24.pkl
./facetensor/liangjiahui_117.pkl
./facetensor/fanbingbing_94.pkl
./facetensor/yuwenle_52.pkl
./facetensor/liangjiahui_94.pkl
./facetensor/zhoujielun_49.pkl
./facetensor/jiangwen_62.pkl
./facetensor/fanbingbing_76.pkl
./facetensor/liangjiahui_13.pkl
./facetensor/liangjiahui_82.pkl
./facetensor/zhoudongyu_159.pkl
./facetensor/pengyuyan_17.pkl
./facetensor/zhangziyi_9.pkl
./facetensor/yuwenle_118.pkl
./facetensor/fanbingbing_13.pkl
./facetensor/liangjiahui_17.pkl
./facetensor/yuwenle_98.pkl
./facetensor/liuyifei_110.pkl
./facetensor/fanbingbing_0.pkl
./facetensor/pengyuyan_0.pkl
./facetensor/yuwenle_7.pkl
./facetensor/liangjiahui_23.pkl
./facetensor/pengyuyan_89.pkl
./facetensor/zhoudongyu_16.pkl
./facetensor/zhoudongyu_68.pkl
./facetensor/liuyifei_242.pkl
./facetensor/yuwenle_85.pkl
./facetensor/yuwenle_38.pkl
./facetensor/liuyifei_229.pkl
./facetensor/zhangziyi_42.pkl
./facetensor/pengyuyan_84.pkl
./facetensor/pengyuyan_82.pkl
./facetensor/liuyifei_197.pkl
./facetensor/jiangwen_12.pkl
./facetensor/liuyifei_88.pkl
./facetensor/zhoujielun_3.pkl
./facetensor/zhoudongyu_103.pkl
./facetensor/zhoudongyu_121.pkl
./facetensor/zhoudongyu_78.pkl

./facetensor/zhoudongyu_70.pkl
./facetensor/pengyuyan_25.pkl
./facetensor/jiangwen_5.pkl
./facetensor/zhoudongyu_4.pkl
./facetensor/yuwenle_115.pkl
./facetensor/yuwenle_66.pkl
./facetensor/zhoudongyu_48.pkl
./facetensor/liangjiahui_120.pkl
./facetensor/zhangziyi_84.pkl
./facetensor/liuyifei_215.pkl
./facetensor/liuyifei_165.pkl
./facetensor/liuyifei_124.pkl
./facetensor/liuyifei_164.pkl
./facetensor/pengyuyan_88.pkl
./facetensor/zhoudongyu_42.pkl
./facetensor/zhangziyi_66.pkl
./facetensor/liudehua_26.pkl
./facetensor/liuyifei_94.pkl
./facetensor/yuwenle_19.pkl
./facetensor/fanbingbing_112.pkl
./facetensor/jiangwen_51.pkl
./facetensor/fanbingbing_58.pkl
./facetensor/liangjiahui_85.pkl
./facetensor/liuyifei_111.pkl
./facetensor/yuwenle_67.pkl
./facetensor/liudehua_5.pkl
./facetensor/fanbingbing_90.pkl
./facetensor/zhangziyi_29.pkl
./facetensor/zhoudongyu_6.pkl
./facetensor/jiangwen_46.pkl
./facetensor/zhoudongyu_82.pkl
./facetensor/zhoujielun_85.pkl
./facetensor/zhoujielun_104.pkl
./facetensor/fanbingbing_49.pkl
./facetensor/fanbingbing_29.pkl
./facetensor/liuyifei_135.pkl
./facetensor/liangjiahui_116.pkl
./facetensor/liangjiahui_98.pkl
./facetensor/fanbingbing_104.pkl
./facetensor/fanbingbing_71.pkl
./facetensor/liuyifei_222.pkl
./facetensor/liuyifei_7.pkl
./facetensor/liuyifei_96.pkl
./facetensor/liangjiahui_38.pkl
./facetensor/liangjiahui_78.pkl
./facetensor/liangjiahui_3.pkl
./facetensor/liudehua_19.pkl
./facetensor/zhangziyi_69.pkl
./facetensor/liuyifei_227.pkl
./facetensor/fanbingbing_179.pkl
./facetensor/zhoujielun_30.pkl
./facetensor/zhangziyi_0.pkl
./facetensor/liuyifei_236.pkl
./facetensor/liuyifei_181.pkl
./facetensor/zhoudongyu_114.pkl
./facetensor/liuyifei_141.pkl
./facetensor/yuwenle_35.pkl
./facetensor/fanbingbing_149.pkl
./facetensor/zhoudongyu_66.pkl
./facetensor/yuwenle_63.pkl
./facetensor/yuwenle_113.pkl
./facetensor/jiangwen_16.pkl
./facetensor/fanbingbing_42.pkl
./facetensor/zhoudongyu_135.pkl
./facetensor/yuwenle_49.pkl
./facetensor/liuyifei_178.pkl
./facetensor/zhoudongyu_3.pkl
./facetensor/yuwenle_102.pkl
./facetensor/liangjiahui_84.pkl
./facetensor/liuyifei_203.pkl
./facetensor/zhoujielun_43.pkl
./facetensor/liuyifei_57.pkl
./facetensor/zhoujielun_24.pkl

./facetensor/zhoujielun_21.pkl
./facetensor/fanbingbing_102.pkl
./facetensor/liuyifei_183.pkl
./facetensor/zhoudongyu_91.pkl
./facetensor/fanbingbing_66.pkl
./facetensor/jiangwen_25.pkl
./facetensor/liuyifei_138.pkl
./facetensor/liuyifei_280.pkl
./facetensor/liangjiahui_131.pkl
./facetensor/zhoujielun_10.pkl
./facetensor/zhoudongyu_84.pkl
./facetensor/liangjiahui_54.pkl
./facetensor/zhoudongyu_19.pkl
./facetensor/fanbingbing_91.pkl
./facetensor/fanbingbing_75.pkl
./facetensor/liangjiahui_0.pkl
./facetensor/liuyifei_205.pkl
./facetensor/liuyifei_240.pkl
./facetensor/liuyifei_269.pkl
./facetensor/zhoujielun_107.pkl
./facetensor/liuyifei_278.pkl
./facetensor/fanbingbing_87.pkl
./facetensor/zhangziyi_49.pkl
./facetensor/liuyifei_44.pkl
./facetensor/pengyuyan_83.pkl
./facetensor/liangjiahui_126.pkl
./facetensor/fanbingbing_21.pkl
./facetensor/pengyuyan_43.pkl
./facetensor/liuyifei_115.pkl
./facetensor/zhoudongyu_153.pkl
./facetensor/zhoudongyu_134.pkl
./facetensor/fanbingbing_190.pkl
./facetensor/zhoujielun_56.pkl
./facetensor/fanbingbing_65.pkl
./facetensor/zhoudongyu_137.pkl
./facetensor/zhangziyi_79.pkl
./facetensor/liuyifei_263.pkl
./facetensor/yuwenle_27.pkl
./facetensor/pengyuyan_95.pkl
./facetensor/liuyifei_23.pkl
./facetensor/yuwenle_8.pkl
./facetensor/zhangziyi_4.pkl
./facetensor/liuyifei_74.pkl
./facetensor/liuyifei_258.pkl
./facetensor/liuyifei_103.pkl
./facetensor/liangjiahui_112.pkl
./facetensor/liuyifei_71.pkl
./facetensor/pengyuyan_68.pkl
./facetensor/fanbingbing_119.pkl
./facetensor/jiangwen_34.pkl
./facetensor/pengyuyan_29.pkl
./facetensor/pengyuyan_85.pkl
./facetensor/zhangziyi_94.pkl
./facetensor/zhoudongyu_72.pkl
./facetensor/fanbingbing_127.pkl
./facetensor/liuyifei_64.pkl
./facetensor/fanbingbing_140.pkl
./facetensor/liangjiahui_87.pkl
./facetensor/yuwenle_44.pkl
./facetensor/zhoudongyu_74.pkl
./facetensor/liangjiahui_29.pkl
./facetensor/liuyifei_192.pkl
./facetensor/fanbingbing_27.pkl
./facetensor/zhoudongyu_93.pkl
./facetensor/jiangwen_57.pkl
./facetensor/fanbingbing_39.pkl
./facetensor/liuyifei_78.pkl
./facetensor/liangjiahui_21.pkl
./facetensor/zhoudongyu_70.pkl
./facetensor/liangjiahui_101.pkl
./facetensor/pengyuyan_87.pkl
./facetensor/liuyifei_11.pkl
./facetensor/liudehua_23.pkl

./facetensor/liuyifei_105.pkl
./facetensor/fanbingbing_116.pkl
./facetensor/zhoudongyu_161.pkl
./facetensor/liuyifei_188.pkl
./facetensor/zhoujielun_47.pkl
./facetensor/yuwenle_64.pkl
./facetensor/liudehua_33.pkl
./facetensor/fanbingbing_10.pkl
./facetensor/liuyifei_66.pkl
./facetensor/fanbingbing_5.pkl
./facetensor/zhangziyi_77.pkl
./facetensor/zhoudongyu_110.pkl
./facetensor/zhoujielun_80.pkl
./facetensor/liuyifei_241.pkl
./facetensor/liuyifei_118.pkl
./facetensor/zhoujielun_27.pkl
./facetensor/fanbingbing_89.pkl
./facetensor/liuyifei_184.pkl
./facetensor/fanbingbing_109.pkl
./facetensor/liuyifei_150.pkl
./facetensor/yuwenle_25.pkl
./facetensor/liangjiahui_100.pkl
./facetensor/liangjiahui_97.pkl
./facetensor/zhoudongyu_112.pkl
./facetensor/fanbingbing_113.pkl
./facetensor/liangjiahui_107.pkl
./facetensor/pengyuyan_18.pkl
./facetensor/zhoudongyu_130.pkl
./facetensor/liuyifei_209.pkl
./facetensor/pengyuyan_51.pkl
./facetensor/jiangwen_47.pkl
./facetensor/zhoudongyu_43.pkl
./facetensor/zhoudongyu_88.pkl
./facetensor/zhangziyi_72.pkl
./facetensor/zhoujielun_84.pkl
./facetensor/fanbingbing_108.pkl
./facetensor/zhoujielun_90.pkl
./facetensor/fanbingbing_72.pkl
./facetensor/fanbingbing_80.pkl
./facetensor/liuyifei_100.pkl
./facetensor/liangjiahui_45.pkl
./facetensor/zhangziyi_18.pkl
./facetensor/zhoudongyu_148.pkl
./facetensor/zhangziyi_41.pkl
./facetensor/pengyuyan_69.pkl
./facetensor/fanbingbing_36.pkl
./facetensor/fanbingbing_176.pkl
./facetensor/liuyifei_18.pkl
./facetensor/liuyifei_146.pkl
./facetensor/liudehua_10.pkl
./facetensor/zhangziyi_11.pkl
./facetensor/liudehua_27.pkl
./facetensor/jiangwen_21.pkl
./facetensor/yuwenle_41.pkl
./facetensor/fanbingbing_41.pkl
./facetensor/fanbingbing_163.pkl
./facetensor/liudehua_7.pkl
./facetensor/jiangwen_42.pkl
./facetensor/fanbingbing_132.pkl
./facetensor/yuwenle_6.pkl
./facetensor/zhoujielun_78.pkl
./facetensor/liangjiahui_48.pkl
./facetensor/jiangwen_50.pkl
./facetensor/liangjiahui_65.pkl
./facetensor/zhoudongyu_131.pkl
./facetensor/yuwenle_89.pkl
./facetensor/fanbingbing_165.pkl
./facetensor/pengyuyan_77.pkl
./facetensor/yuwenle_88.pkl
./facetensor/liuyifei_193.pkl
./facetensor/pengyuyan_59.pkl

```
./facetensor/pengyuyan_65.pkl
./facetensor/yuwenle_55.pkl
./facetensor/liangjiahui_12.pkl
./facetensor/zhoujielun_70.pkl
./facetensor/fanbingbing_64.pkl
./facetensor/liuyifei_30.pkl
./facetensor/liuyifei_200.pkl
./facetensor/zhoujielun_14.pkl
./facetensor/zhoudongyu_145.pkl
./facetensor/liuyifei_81.pkl
./facetensor/liuyifei_250.pkl
./facetensor/liuyifei_29.pkl
./facetensor/zhoujielun_7.pkl
./facetensor/liangjiahui_6.pkl
./facetensor/yuwenle_42.pkl
./facetensor/jiangwen_52.pkl
./facetensor/fanbingbing_68.pkl
./facetensor/liuyifei_101.pkl
./facetensor/zhangziyi_54.pkl
./facetensor/jiangwen_15.pkl
./facetensor/zhoujielun_0.pkl
```

对提供样本进行解析

速度还算挺快

In [0]:

```
for param in model.parameters():
    param.requires_grad = False

for x in data.DataLoader(testdataset):
  x.to(DEVICE)
  out = model(x)
  out.requires_grad=False
  out[0] = out[0] / np.linalg.norm(out[0])
  match_dict = {}
  for y in list(os.listdir("./facetensor")):
    y_tensor = torch.load(os.path.join("./facetensor", y))
    y_tensor.requires_grad = False
    y_tensor = y_tensor / np.linalg.norm(y_tensor)
    dists = np.linalg.norm(y_tensor - out[0])
    match_dict[y] = dists
  sorted_dict = sorted(match_dict.items(), key=lambda x: x[1])
  print(sorted_dict[:6])
  # print(idx_name_dict[pred.item()])
```

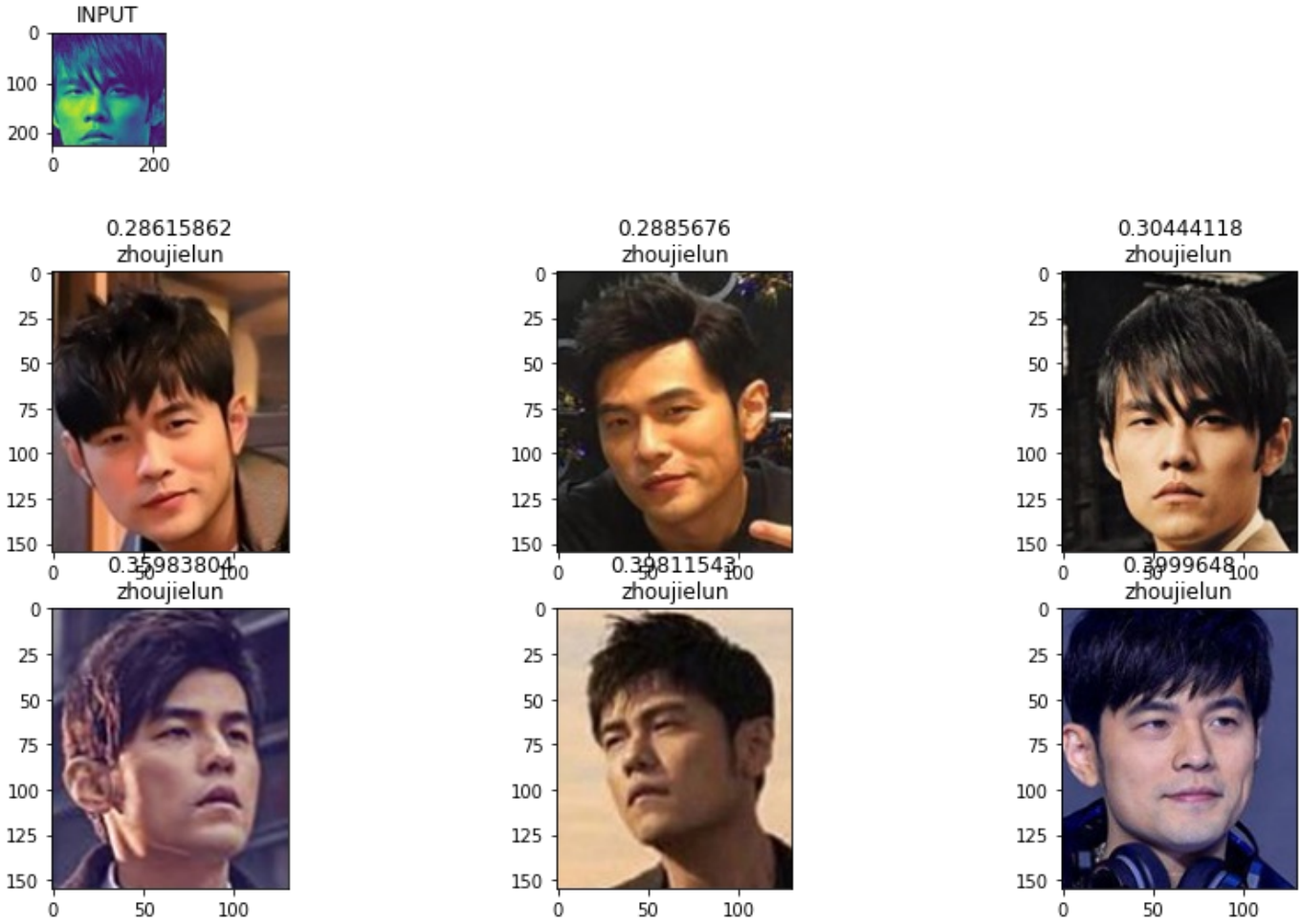
```
[('zhoujielun_54.pkl', 5.2265455e-07), ('zhoujielun_16.pkl', 0.4986408), ('zhoujielun_23.
pkl', 0.5094757), ('zhoujielun_116.pkl', 0.51303804), ('zhoujielun_27.pkl', 0.5510131), (
'zhoujielun_114.pkl', 0.56445026)]
[('zhoujielun_8.pkl', 2.839358e-07), ('zhoujielun_9.pkl', 0.17602883), ('zhoujielun_20.pk
l', 0.17810228), ('zhoujielun_35.pkl', 0.18814345), ('zhoujielun_21.pkl', 0.20570274), ('
zhoujielun_101.pkl', 0.21484025)]
```

测试问题不大，show一下

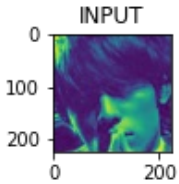
In [0]:

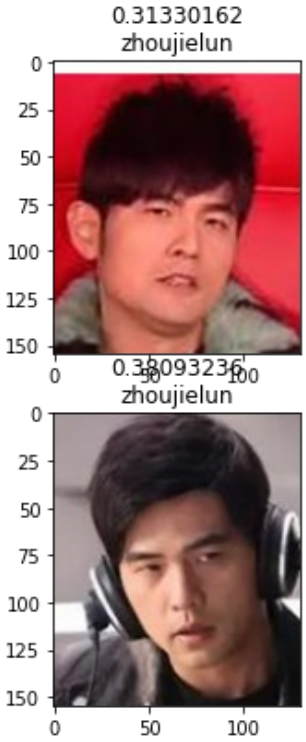
```
!rm -rf ./test_img/.ipynb_checkpoints
import matplotlib.pyplot as plt
from PIL import Image
%matplotlib inline
# dataset
testdataset = TestDataSets('./test_img/', transform['val'])

for x in data.DataLoader(testdataset):
  x.to(DEVICE)
  out = model(x)
```

```
  out.requires_grad=False
  out[0] = out[0] / np.linalg.norm(out[0])
  match_dict = {}
  for y in list(os.listdir("./facetensor")):
    y_tensor = torch.load(os.path.join("./facetensor", y))
    y_tensor.requires_grad = False
    y_tensor = y_tensor / np.linalg.norm(y_tensor)
    dists = np.linalg.norm(y_tensor - out[0])
    match_dict[y] = dists
  sorted_dict = sorted(match_dict.items(), key=lambda x: x[1])[:6]

  plt.figure("寻找周杰伦")
  plt.subplots_adjust(wspace = 0.2, hspace = 0.2)
  plt.subplot(3, 3, 1)
  plt.title("INPUT")
  plt.imshow(x[0, -1])
  plt.show()
  i = 4
  for name, probabliity in sorted_dict:
    # 从文件夹中找到
    splited_dir = name.split(".")[0].split("_")
    search_orig_path = os.path.join("./images/face/", splited_dir[0])

    path_file = os.listdir(search_orig_path)
    path_file.sort()
    path_file_image = Image.open(os.path.join(search_orig_path, path_file[int(splited_di
r[1])]))

    plt.subplots_adjust(top = 2, right = 2)
    plt.subplot(3, 3, i)
    plt.imshow(path_file_image)
    plt.title(str(probabliity) + "\n" + splited_dir[0])

    i += 1

  plt.show()

  print("-"*10)
```

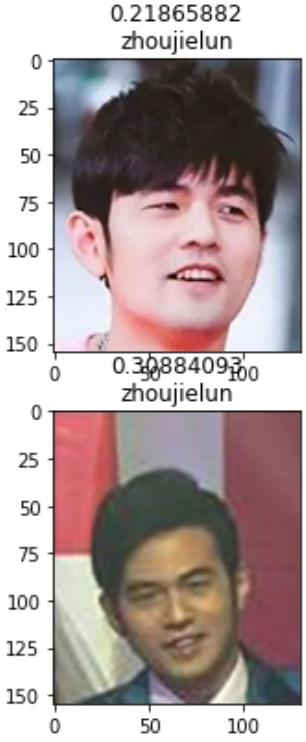


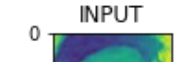

```
----------
```

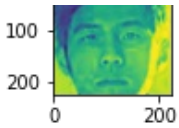

INPUT

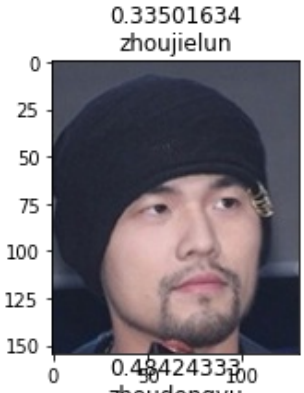

0.31330162
zhoujielun
0.33706203
zhoujielun
0.34008163
zhoujielun
0.38093236
zhoujielun
0.4052192
zhoujielun
0.4366586
zhoujielun

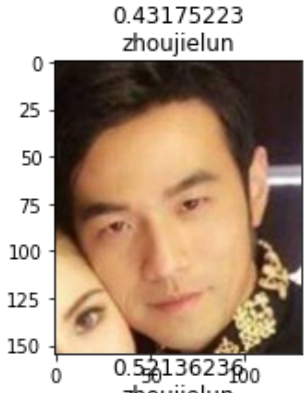
INPUT

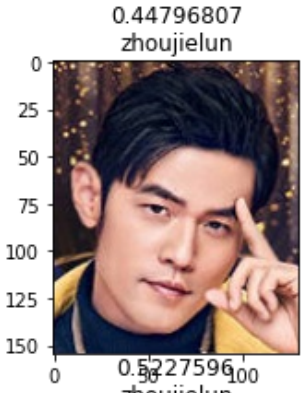

0.21865882
zhoujielun
0.2320882
zhoujielun
0.24212965
zhoujielun
0.30884093
zhoujielun
0.32113156
zhoujielun
0.32834917
zhoujielun


INPUT



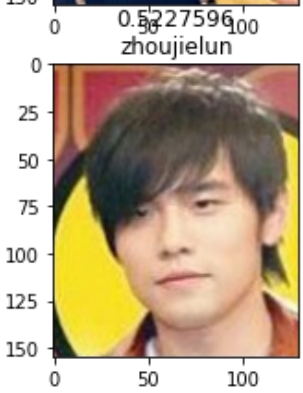

0.33501634
zhoujielun

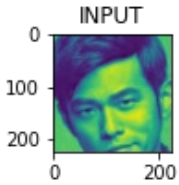

0.43175223
zhoujielun

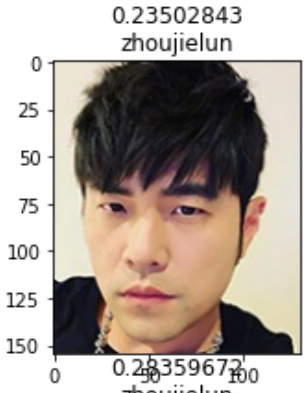

0.44796807
zhoujielun

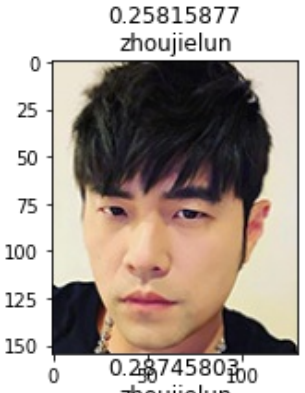
0.48424333
zhoudongyu

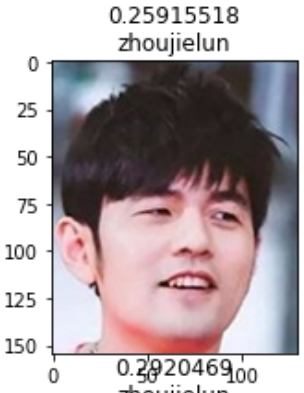
0.52136236
zhoujielun

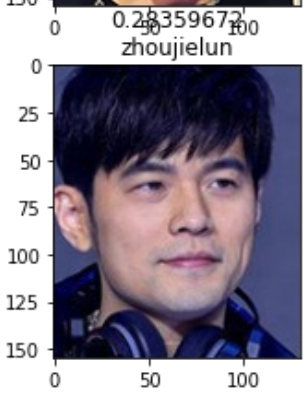

0.5227596
zhoujielun

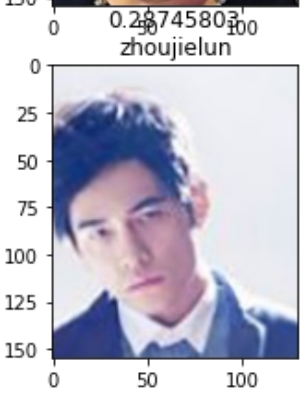

INPUT

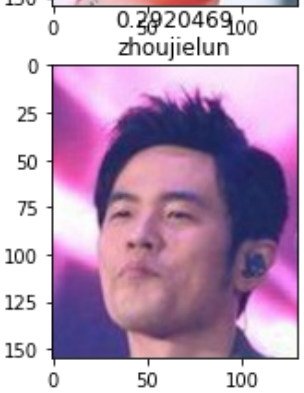

0.23502843
zhoujielun

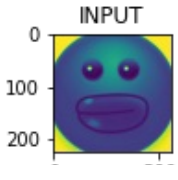

0.25815877
zhoujielun

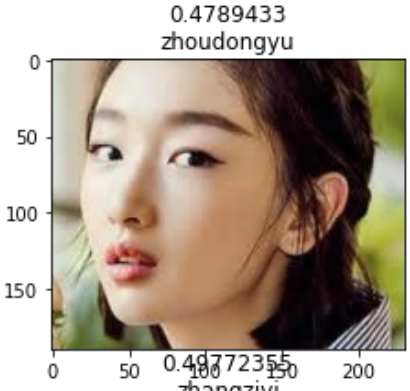

0.25915518
zhoujielun

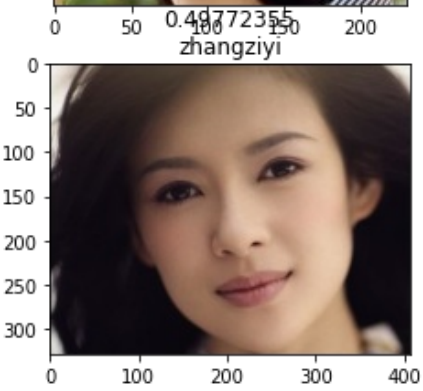

0.26359672
zhoujielun

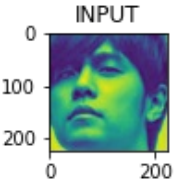

0.28745803
zhoujielun


0.2920469
zhoujielun

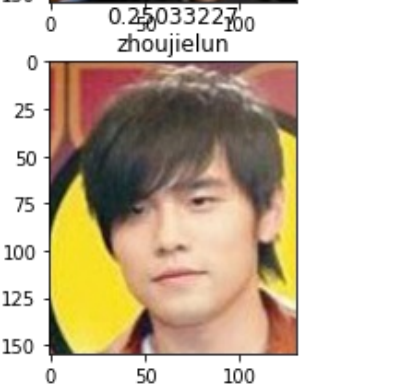

INPUT

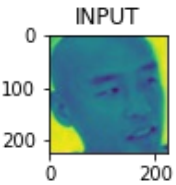

0.4789433
zhoudongyu
0.47968078
zhangziyi
0.48979107
liuyifei

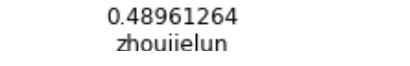

0.4972355
zhangziyi
0.49876988
zhangziyi
0.5003062
zhangziyi

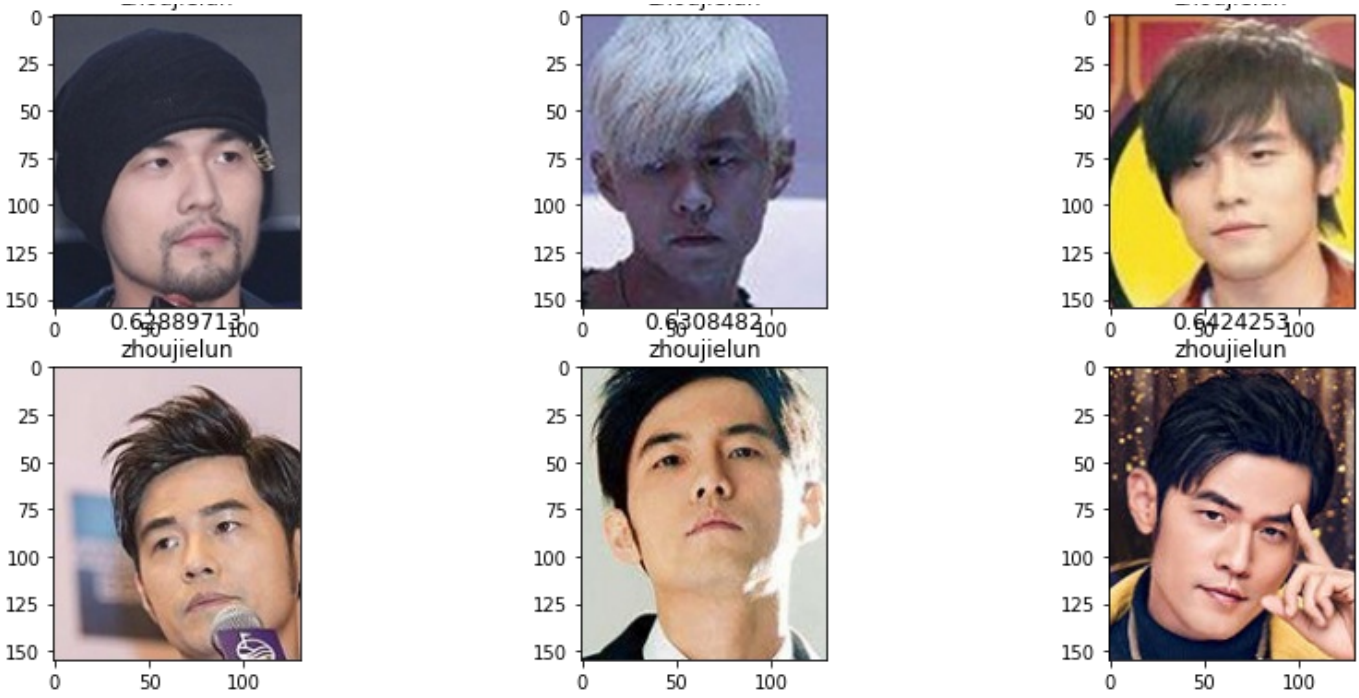

INPUT

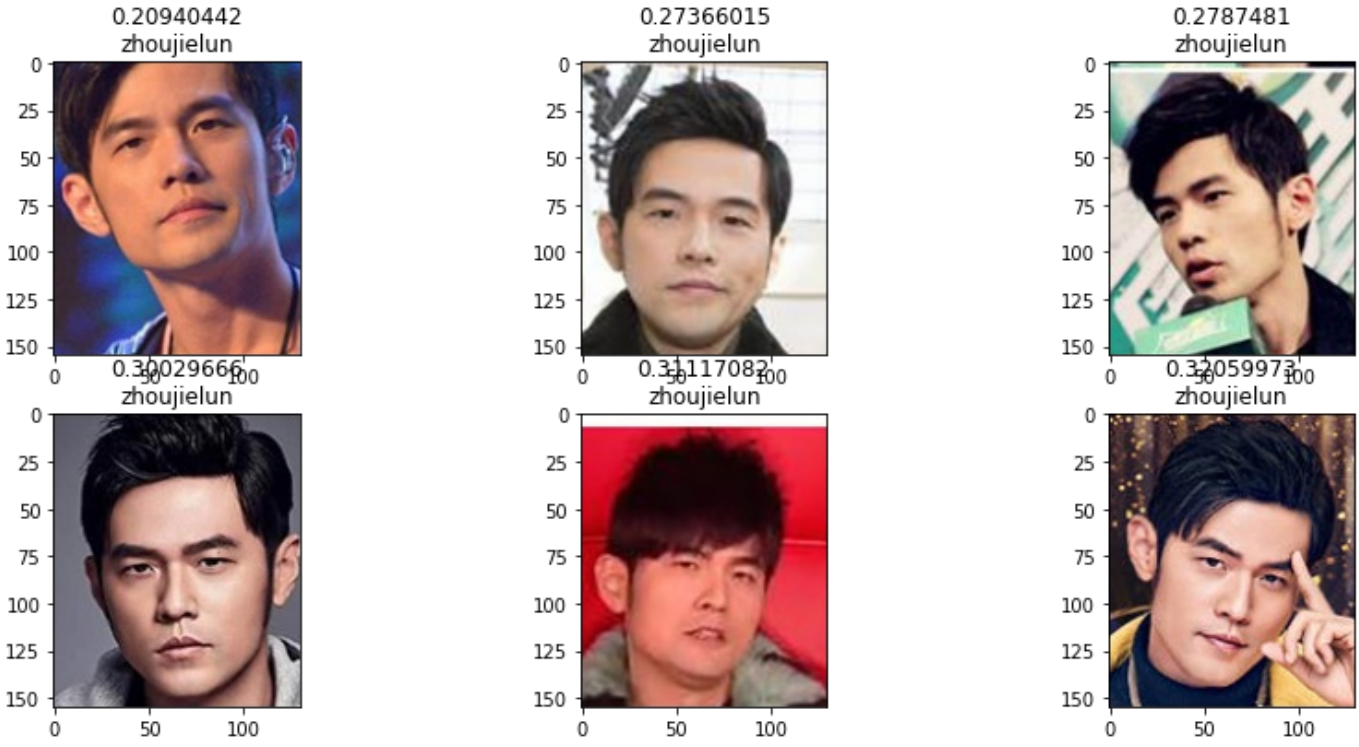
0.1891517
zhoujielun
0.19866535
zhoujielun
0.20774023
zhoujielun


0.25033227
zhoujielun
0.25237858
zhoujielun
0.26471734
zhoujielun


INPUT


0.48961264
zhoujielun
0.59919864
zhoujielun
0.61344385
zhoujielun





好，光速退圈

圈◤好，桄速退quαn◥圈