**图像处理 - 期末考试 - CNN人脸识别**

**姓名：**

**学号：**

**训练和测试集：**

训练集共有400张人脸图像，分为10类，每类40张。训练集文件夹中1~40为第0类，41~80为第1类，以此类推；测试集共50张人脸图像，分别标记为1-50。

**要求：**使用CNN网络结构 (卷积层+池化层+卷积层+池化层+全连接)

1. 实现CNN人脸识别，识别率是多少？

2. 将测试集各图片对应的分类结果填入下列表格。

|  |  |  |  |  |  |  |  |  |  |  |
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| 测试集 | 第0类 | 第1类 | 第2类 | 第3类 | 第4类 | 第5类 | 第6类 | 第7类 | 第8类 | 第9类 |
| 1 |  |  |  |  |  |  |  |  |  |  |
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3. 贴出实验代码和运行结果。