PREPRACTICE1 课前练习：安装 ANACONDA学习PYTHON基础（10.17前）

问题一

写一个程序，让用户提供5个名字。程序要把5个名字保存在一个列表中打印出来。

然后，让用户能替换其中一个名字（用户能选择要替换第几个名字，然后键入新名字），输出用户替换之后的列表。

codes:

```python
list = ['name'] * 5

for i in range(5):
    print("please enter the ", i, "th name: ", sep= '', end = '')
    list[i] = input()

print('list:', list)
print('replacing place:', sep= '', end = '')
i_rep = int(input())
print('new name:', sep= '', end = '')
list[i_rep] = input()
print('list:', list)
print('XieJiongyan, 518021911249')
```

```
PS D:\SJTU\基于华为AI平台的机器学习> cd 'd:\SJTU\基于华为AI平台的机器学习'; & 'D:\My_app\anacon
da\python.exe' 'c:\Users\JoyJ\.vscode\extensions\ms-python.python-2020.9.114305\pythonFiles\lib\
python\debugpy\launcher' '56613' '--' 'd:\SJTU\基于华为AI平台的机器学习\Prepractice1\exercise1.p
y'
please enter the 0th name: 0
please enter the 1th name: 1
please enter the 2th name: 2
please enter the 3th name: 3
please enter the 4th name: 4
list: ['0', '1', '2', '3', '4']
replacing place:0
new name:5
list: ['5', '1', '2', '3', '4']
XieJiongyan, 518021911249
```

问题2

建立一个函数对成绩进行评定，要求从100-60分别划分为ABCD四个等级。随机输入5次60-100范围内的数，给出相应的等级

分级：

- $[60, 70)$ 为D级
- $[70, 80)$ 为C级
- $[80, 90)$ 为B级
- $[90, 100)$ 为A级

随机输入明确为在该范围内的均匀分布

codes:

```python
from random import randint


for i in range(5):
    score = randint(60, 100)
    char_add = (100 - score) // 10
    print(score, chr(ord('A') + char_add))


print('XieJiongyan, 518021911249')
```

screenshot:

```
PS D:\SJTU\基于华为AI平台的机器学习>  cd 'd:\SJTU\基于华为AI平台的机器学习'; & 'D:\My_app\anacon
da\python.exe' 'c:\Users\JoyJ\.vscode\extensions\ms-python.python-2020.9.114305\pythonFiles\lib\
python\debugpy\launcher' '61593' '--' 'd:\SJTU\基于华为AI平台的机器学习\Prepractice1\exercise2.p
y'
68 D
65 D
96 A
61 D
88 B
XieJiongyan, 518021911249
```

APPENDIX

关于本作业的全部代码，可见 https://github.com/XieJiongyan/ML-based-on-Huawei-platform