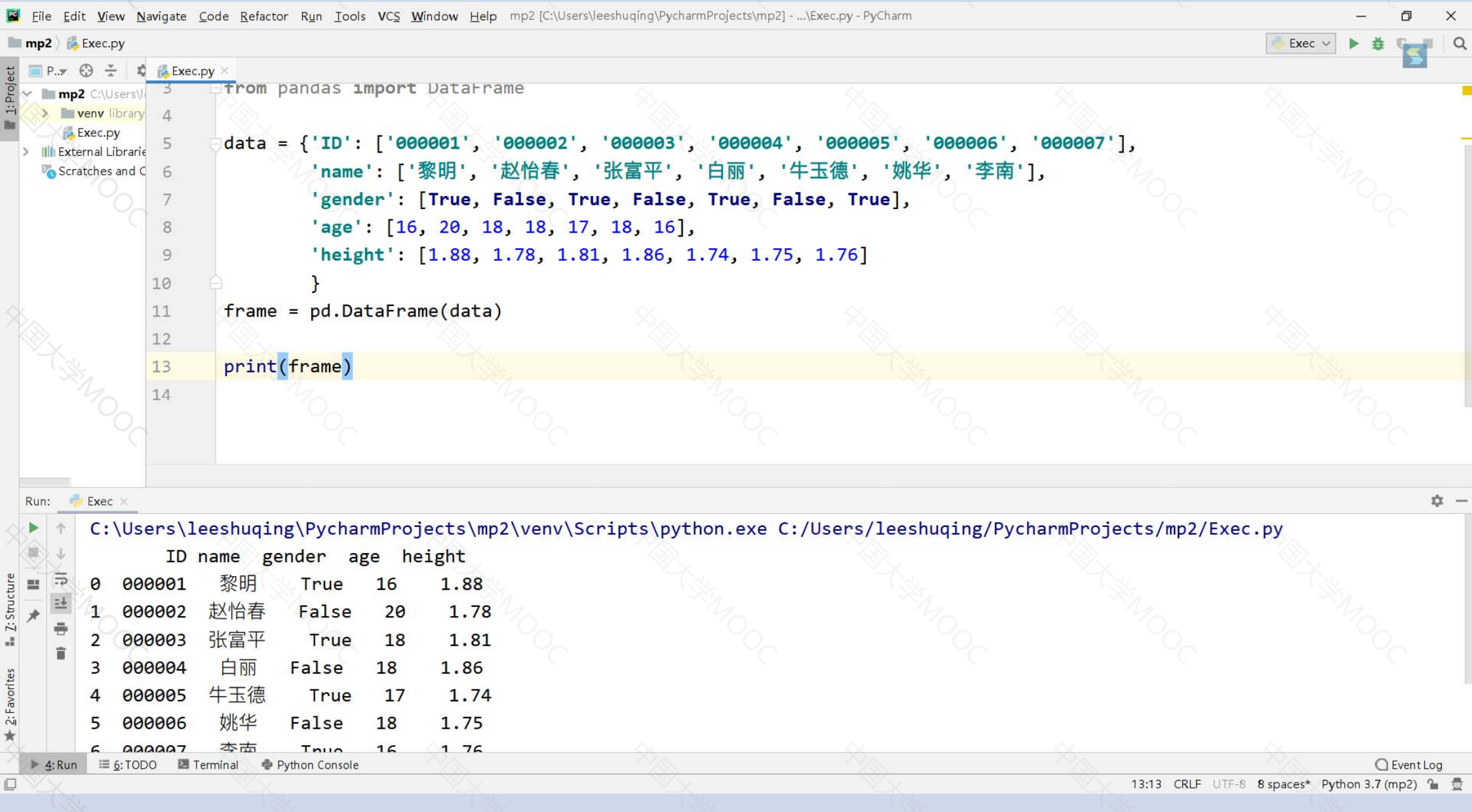
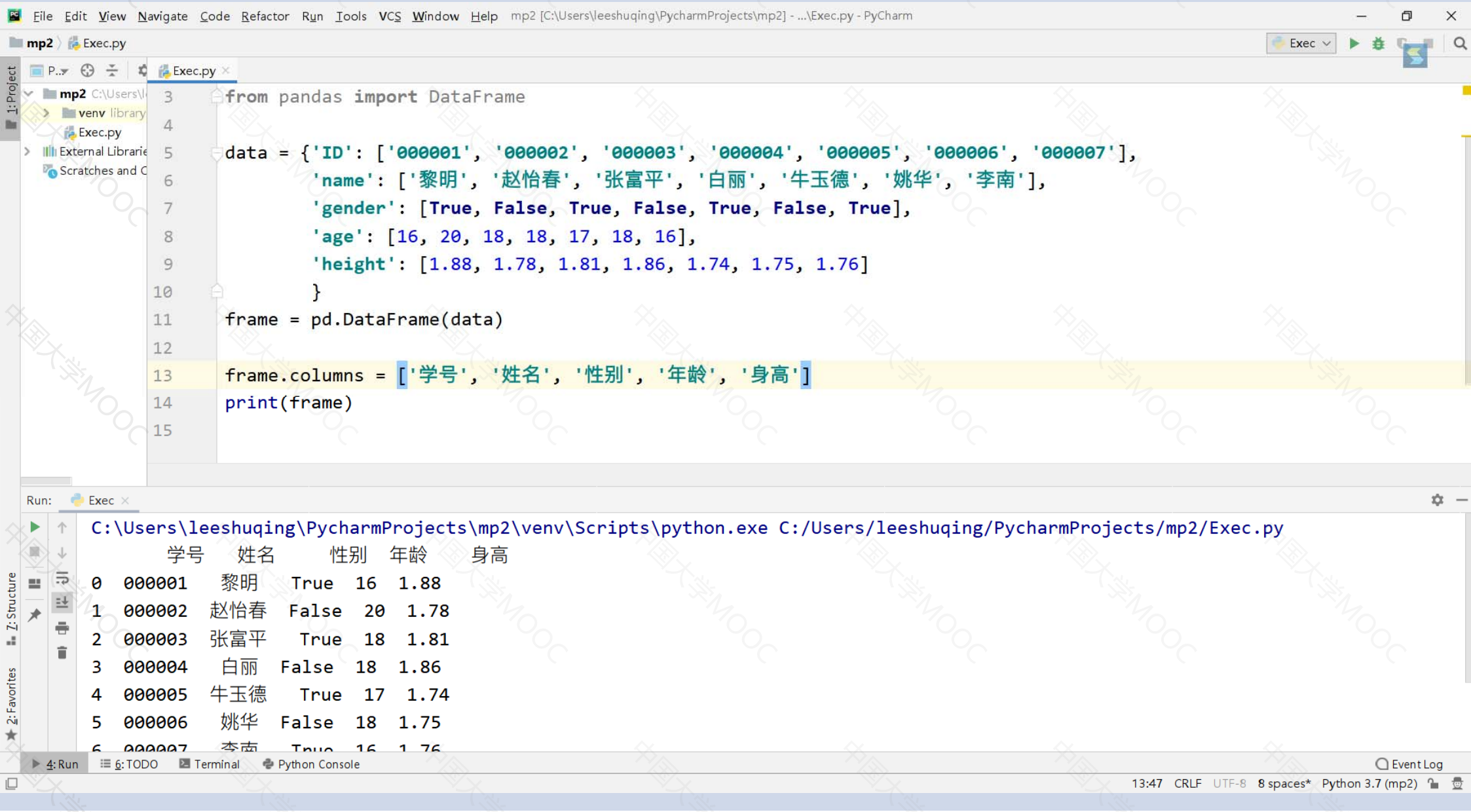
Python大数据分析

三、数据的显示


File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
1: Project
3 from pandas import DataFrame
4
5 data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
6 'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
7 'gender': [True, False, True, False, True, False, True],
8 'age': [16, 20, 18, 18, 17, 18, 16],
9 'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
10 }
11 frame = pd.DataFrame(data)
12
13 print(frame)
14
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
ID name gender age height
0 000001 黎明 True 16 1.88
1 000002 赵怡春 False 20 1.78
2 000003 张富平 True 18 1.81
3 000004 白丽 False 18 1.86
4 000005 牛玉德 True 17 1.74
5 000006 姚华 False 18 1.75
7: Structure
2: Favorites
4: Run
6: TODO
Terminal
Python Console
Event Log
13:13 CRLF UTF-8 8 spaces* Python 3.7 (mp2)


File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
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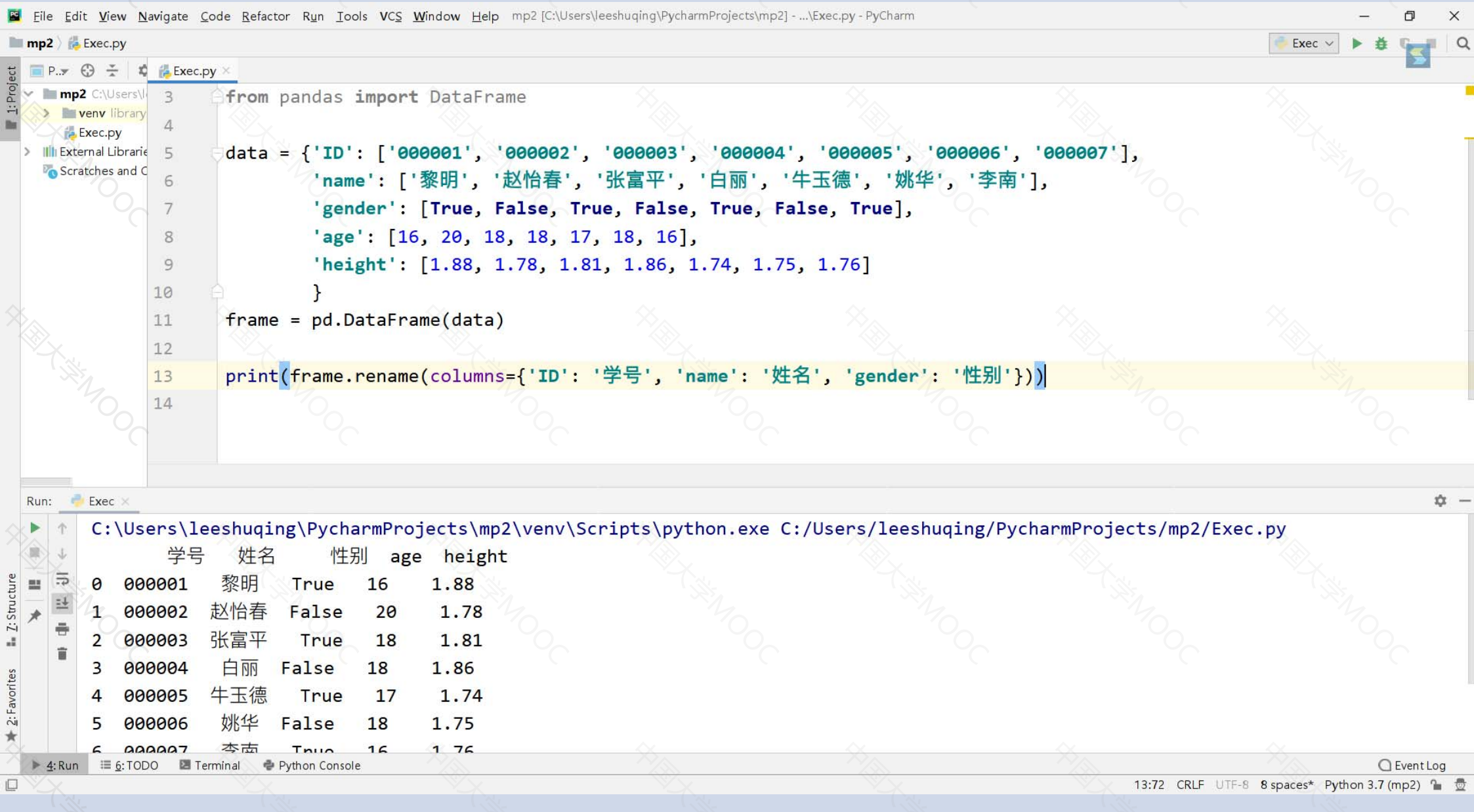
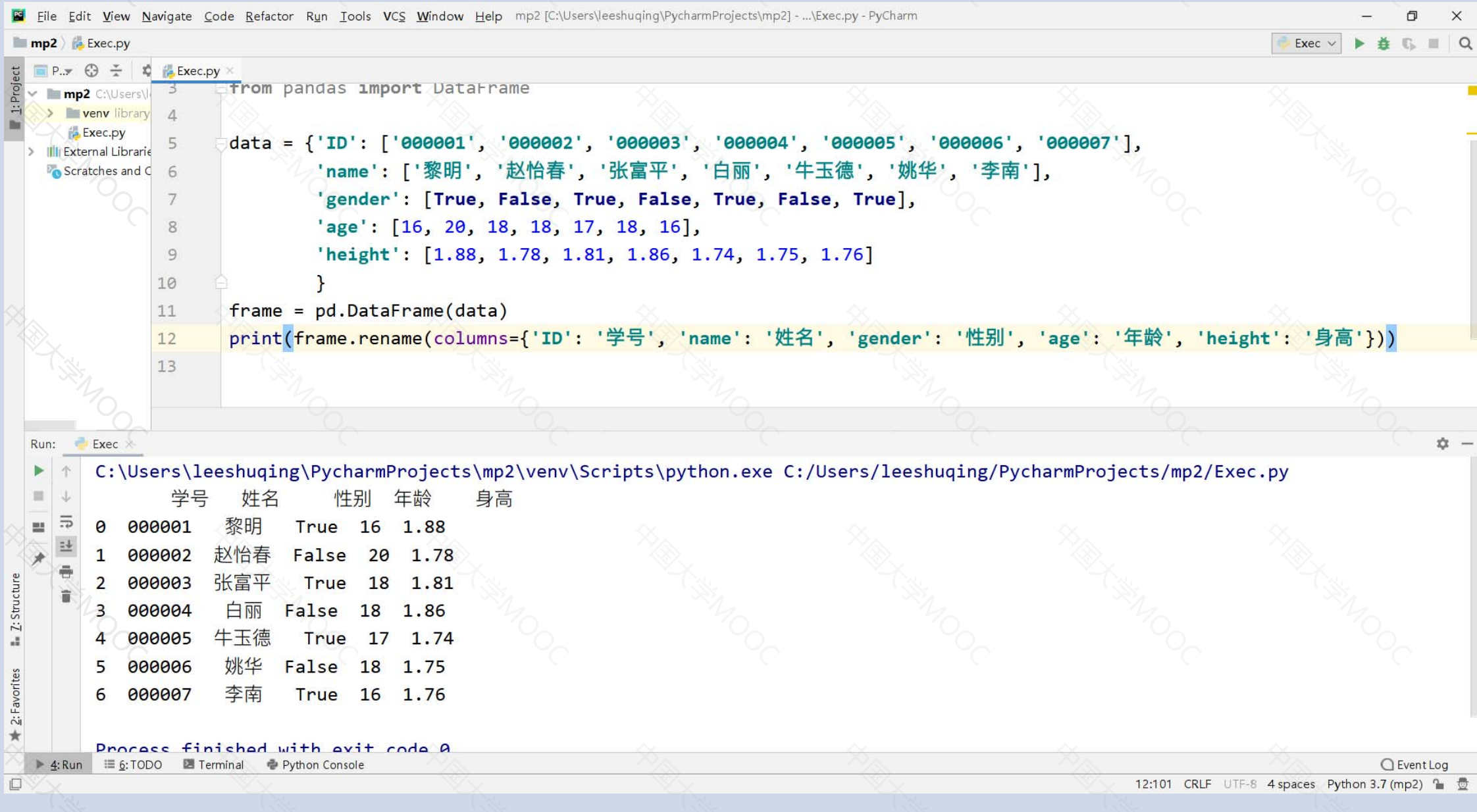
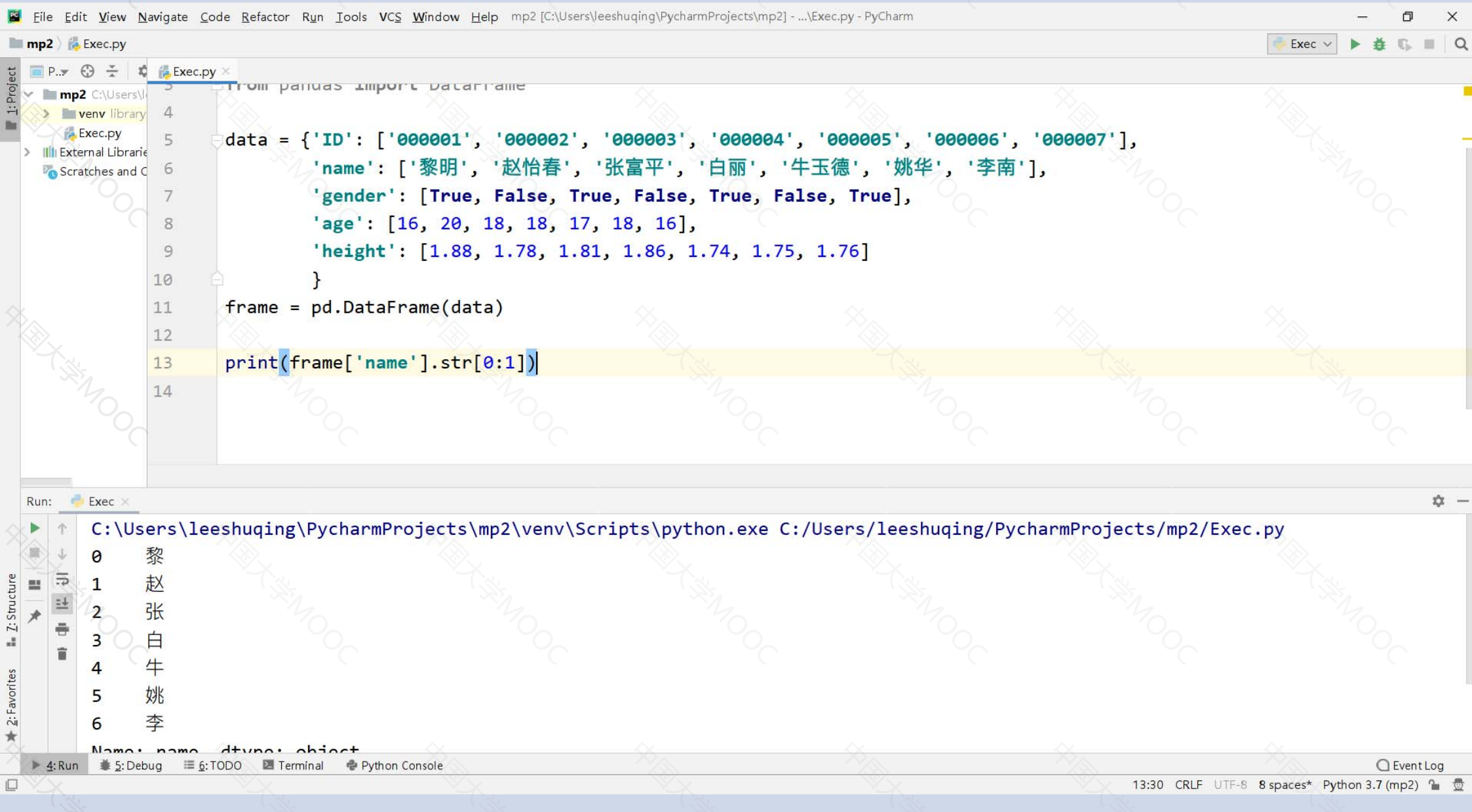
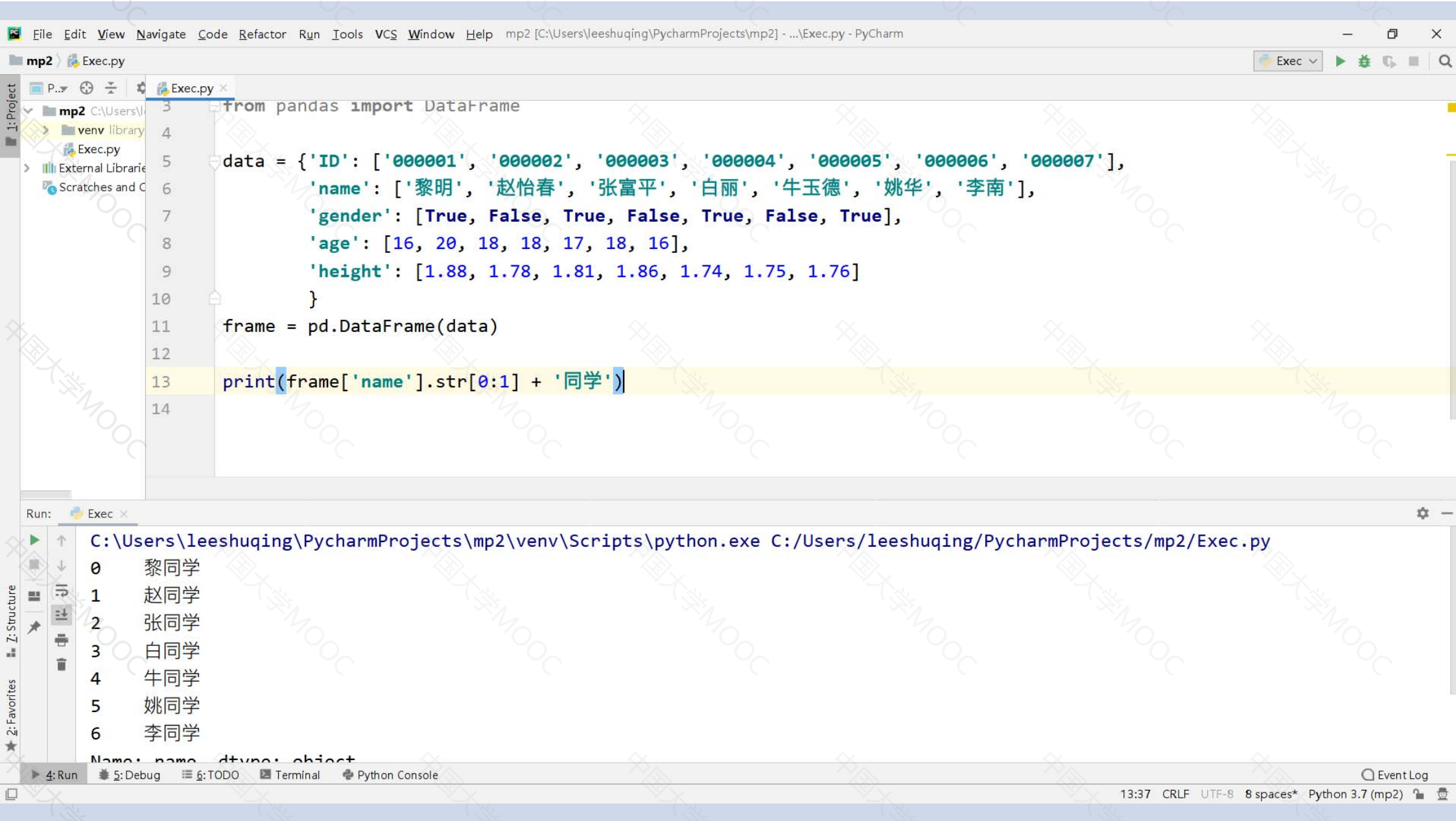
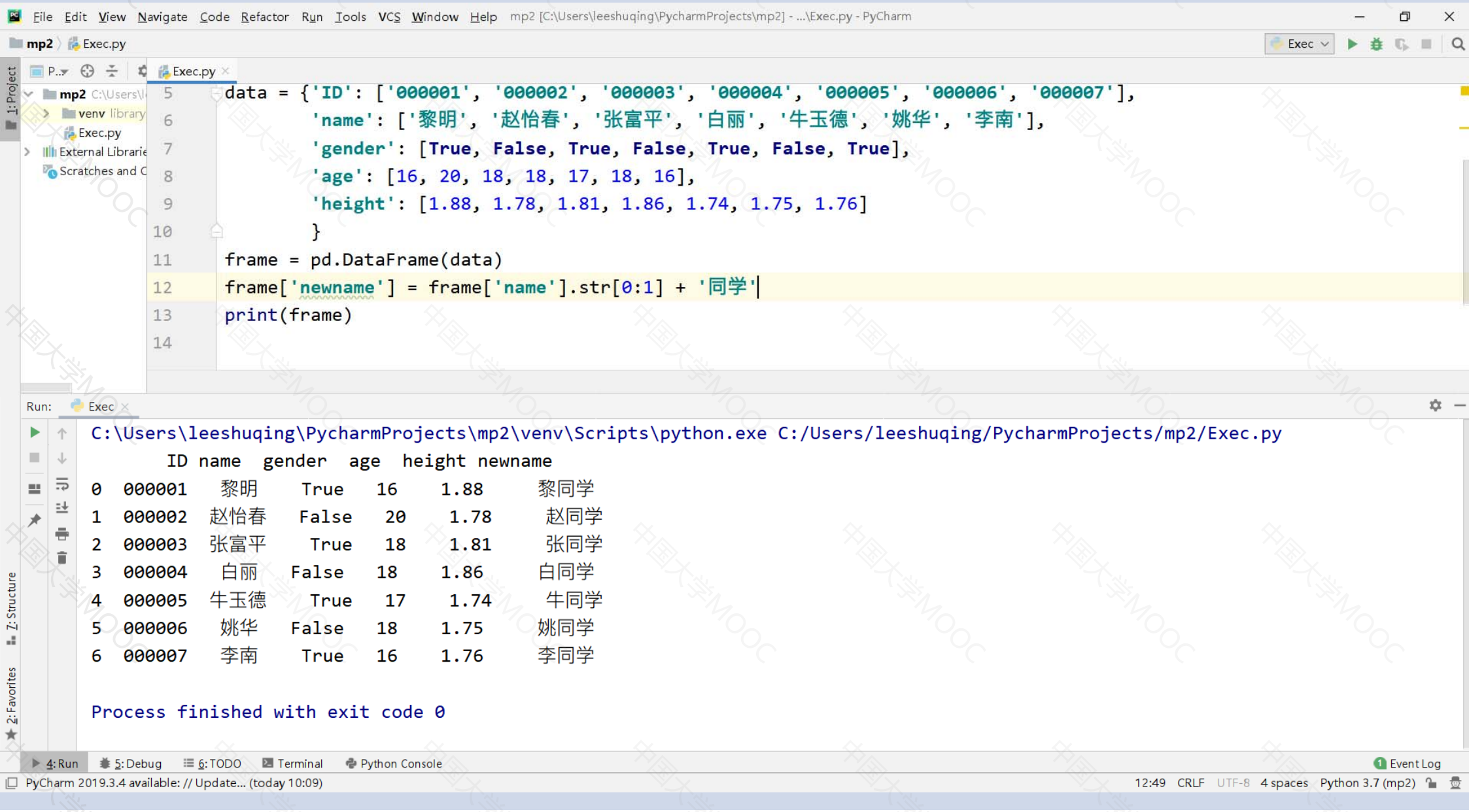
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
3 from pandas import DataFrame
4
5 data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
6 'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
7 'gender': [True, False, True, False, True, False, True],
8 'age': [16, 20, 18, 18, 17, 18, 16],
9 'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
10 }
11 frame = pd.DataFrame(data)
12
13 frame.columns = ['学号', '姓名', '性别', '年龄', '身高']
14 print(frame)
15
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
学号 姓名 性别 年龄 身高
0 000001 黎明 True 16 1.88
1 000002 赵怡春 False 20 1.78
2 000003 张富平 True 18 1.81
3 000004 白丽 False 18 1.86
4 000005 牛玉德 True 17 1.74
5 000006 姚华 False 18 1.75
4: Run
6: TODO
Terminal
Python Console
Event Log
13:47 CRLF UTF-8 8 spaces* Python 3.7 (mp2)

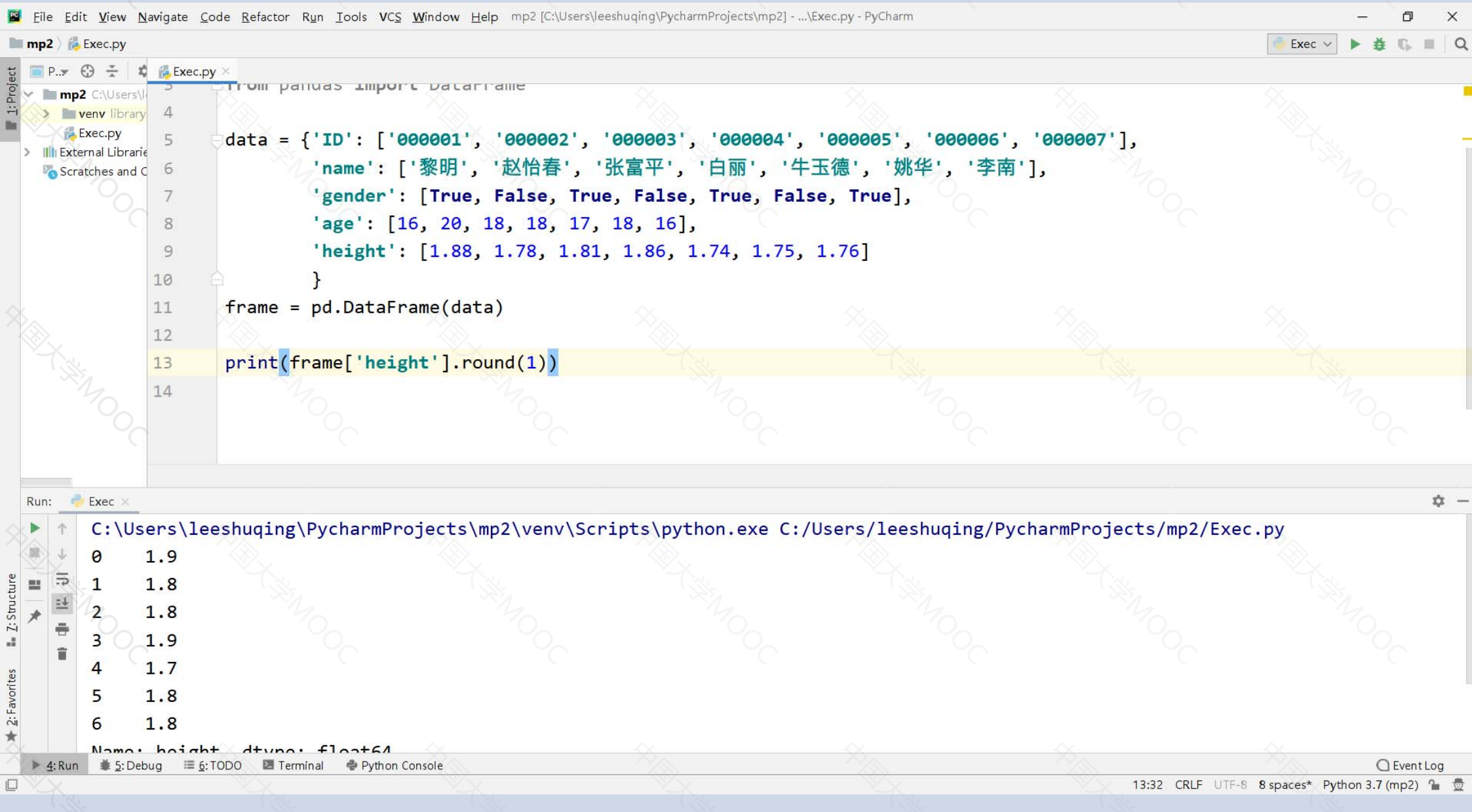

File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
3 from pandas import DataFrame
4
5 data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
6 'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
7 'gender': [True, False, True, False, True, False, True],
8 'age': [16, 20, 18, 18, 17, 18, 16],
9 'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
10 }
11 frame = pd.DataFrame(data)
12
13 print(frame.rename(columns={'ID': '学号', 'name': '姓名', 'gender': '性别'}))
14
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
学号 姓名 性别 age height
0 000001 黎明 True 16 1.88
1 000002 赵怡春 False 20 1.78
2 000003 张富平 True 18 1.81
3 000004 白丽 False 18 1.86
4 000005 牛玉德 True 17 1.74
5 000006 姚华 False 18 1.75
4: Run
6: TODO
Terminal
Python Console
Event Log
13:72 CRLF UTF-8 8 spaces* Python 3.7 (mp2)

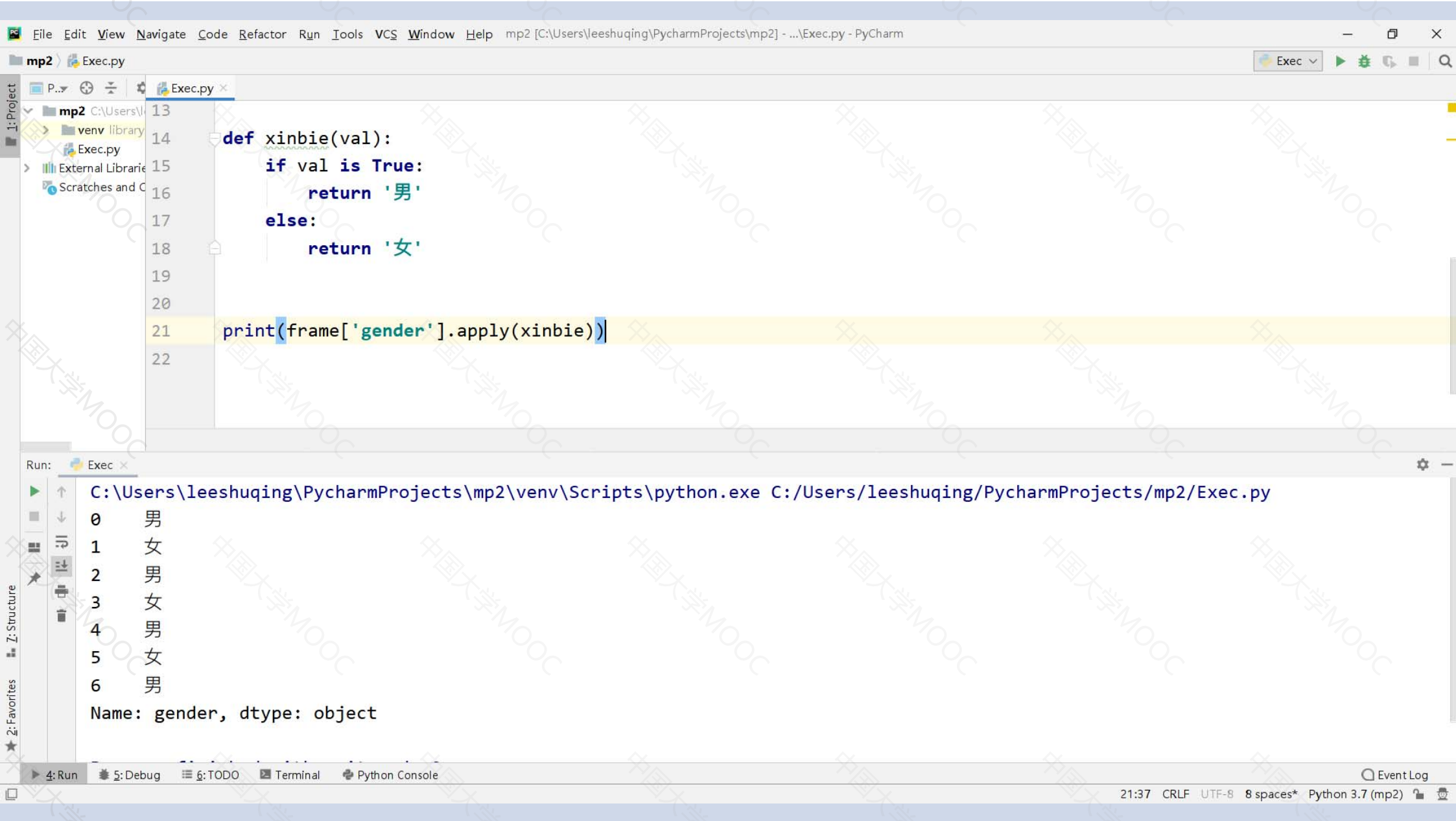

File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\
venv library
Exec.py
External Librarie
Scratches and C
from pandas import DataFrame
data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
'gender': [True, False, True, False, True, False, True],
'age': [16, 20, 18, 18, 17, 18, 16],
'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
}
frame = pd.DataFrame(data)
print(frame.rename(columns={'ID': '学号', 'name': '姓名', 'gender': '性别', 'age': '年龄', 'height': '身高'}))
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
学号 姓名 性别 年龄 身高
0 000001 黎明 True 16 1.88
1 000002 赵怡春 False 20 1.78
2 000003 张富平 True 18 1.81
3 000004 白丽 False 18 1.86
4 000005 牛玉德 True 17 1.74
5 000006 姚华 False 18 1.75
6 000007 李南 True 16 1.76
Process finished with exit code 0
4: Run
6: TODO
Terminal
Python Console
Event Log
12:101 CRLF UTF-8 4 spaces Python 3.7 (mp2)


File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
from pandas import DataFrame
data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
'gender': [True, False, True, False, True, False, True],
'age': [16, 20, 18, 18, 17, 18, 16],
'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
}
frame = pd.DataFrame(data)
print(frame['name'].str[0:1])
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
0 黎
1 赵
2 张
3 白
4 牛
5 姚
6 李
Name: name, dtype: object
4: Run
5: Debug
6: TODO
Terminal
Python Console
Event Log
13:30 CRLF UTF-8 8 spaces* Python 3.7 (mp2)


File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
from pandas import DataFrame
data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
'gender': [True, False, True, False, True, False, True],
'age': [16, 20, 18, 18, 17, 18, 16],
'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
}
frame = pd.DataFrame(data)
print(frame['name'].str[0:1] + '同学')
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
0 黎同学
1 赵同学
2 张同学
3 白同学
4 牛同学
5 姚同学
6 李同学
4: Run
5: Debug
6: TODO
Terminal
Python Console
Event Log
13:37 CRLF UTF-8 8 spaces* Python 3.7 (mp2)


File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
'gender': [True, False, True, False, True, False, True],
'age': [16, 20, 18, 18, 17, 18, 16],
'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
}
frame = pd.DataFrame(data)
frame['newname'] = frame['name'].str[0:1] + '同学'
print(frame)
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
ID name gender age height newname
0 000001 黎明 True 16 1.88 黎同学
1 000002 赵怡春 False 20 1.78 赵同学
2 000003 张富平 True 18 1.81 张同学
3 000004 白丽 False 18 1.86 白同学
4 000005 牛玉德 True 17 1.74 牛同学
5 000006 姚华 False 18 1.75 姚同学
6 000007 李南 True 16 1.76 李同学
Process finished with exit code 0
4: Run
5: Debug
6: TODO
Terminal
Python Console
Event Log
PyCharm 2019.3.4 available: // Update... (today 10:09)
12:49 CRLF UTF-8 4 spaces Python 3.7 (mp2)


File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
from pandas import DataFrame
data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
'gender': [True, False, True, False, True, False, True],
'age': [16, 20, 18, 18, 17, 18, 16],
'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
}
frame = pd.DataFrame(data)
print(frame['height'].round(1))
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
0 1.9
1 1.8
2 1.8
3 1.9
4 1.7
5 1.8
6 1.8
4: Run
5: Debug
6: TODO
Terminal
Python Console
Event Log
13:32 CRLF UTF-8 8 spaces* Python 3.7 (mp2)


File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
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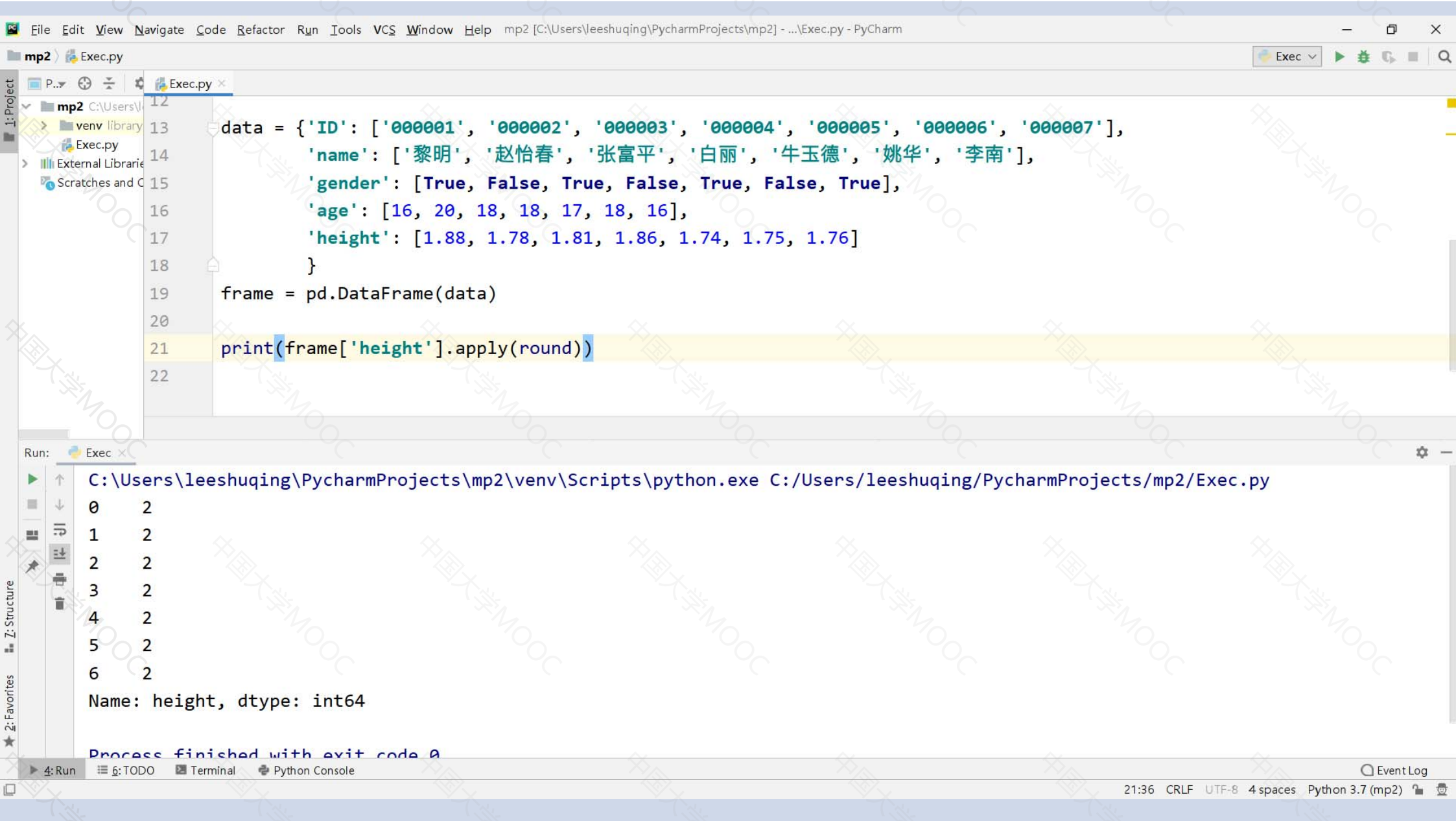
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
13
14 def xinbie(val):
15 if val is True:
16 return '男'
17 else:
18 return '女'
19
20
21 print(frame['gender'].apply(xinbie))
22
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
0 男
1 女
2 男
3 女
4 男
5 女
6 男
Name: gender, dtype: object
4: Run
5: Debug
6: TODO
Terminal
Python Console
Event Log
21:37 CRLF UTF-8 8 spaces* Python 3.7 (mp2)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mp2 Exec.py
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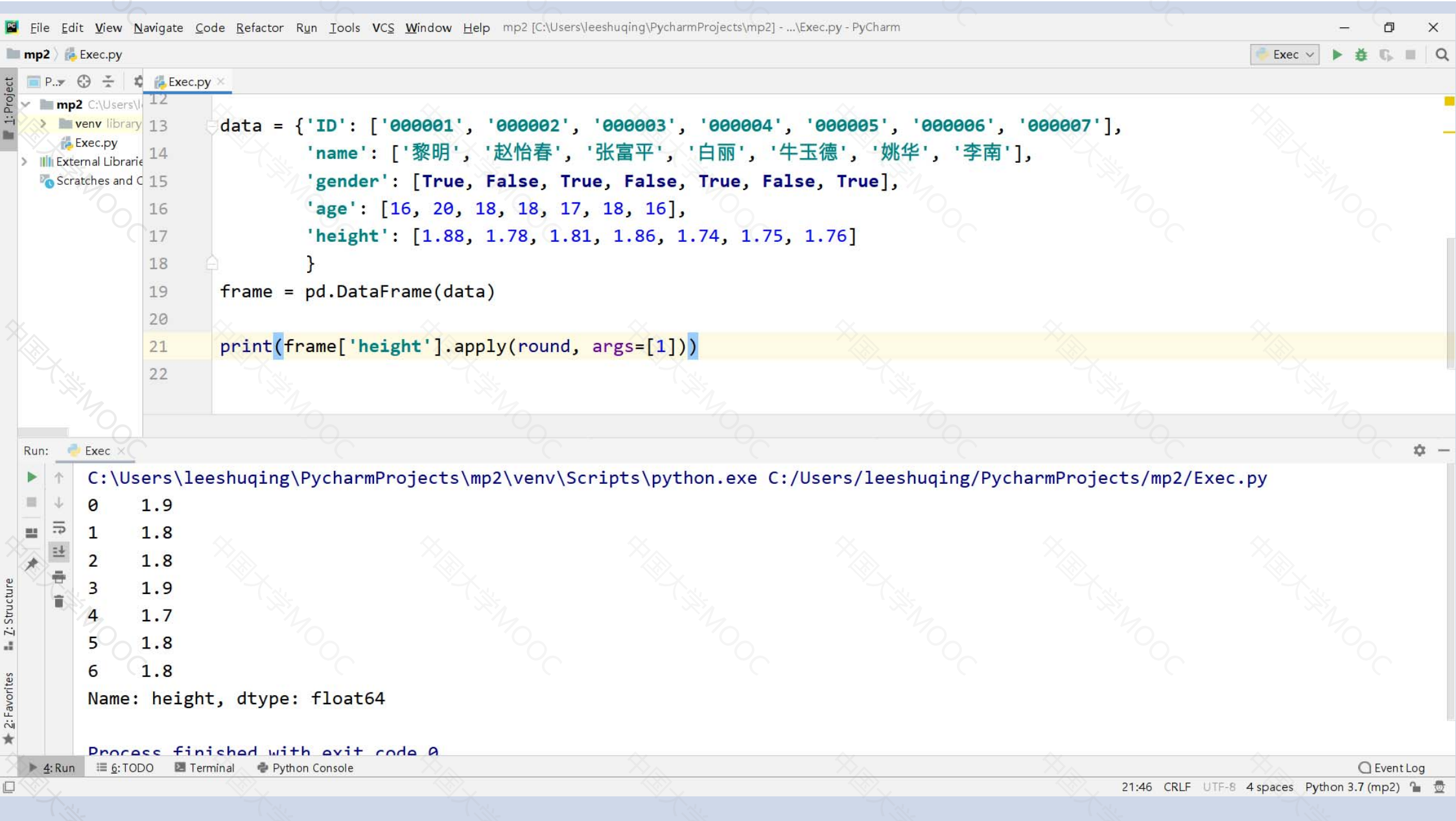
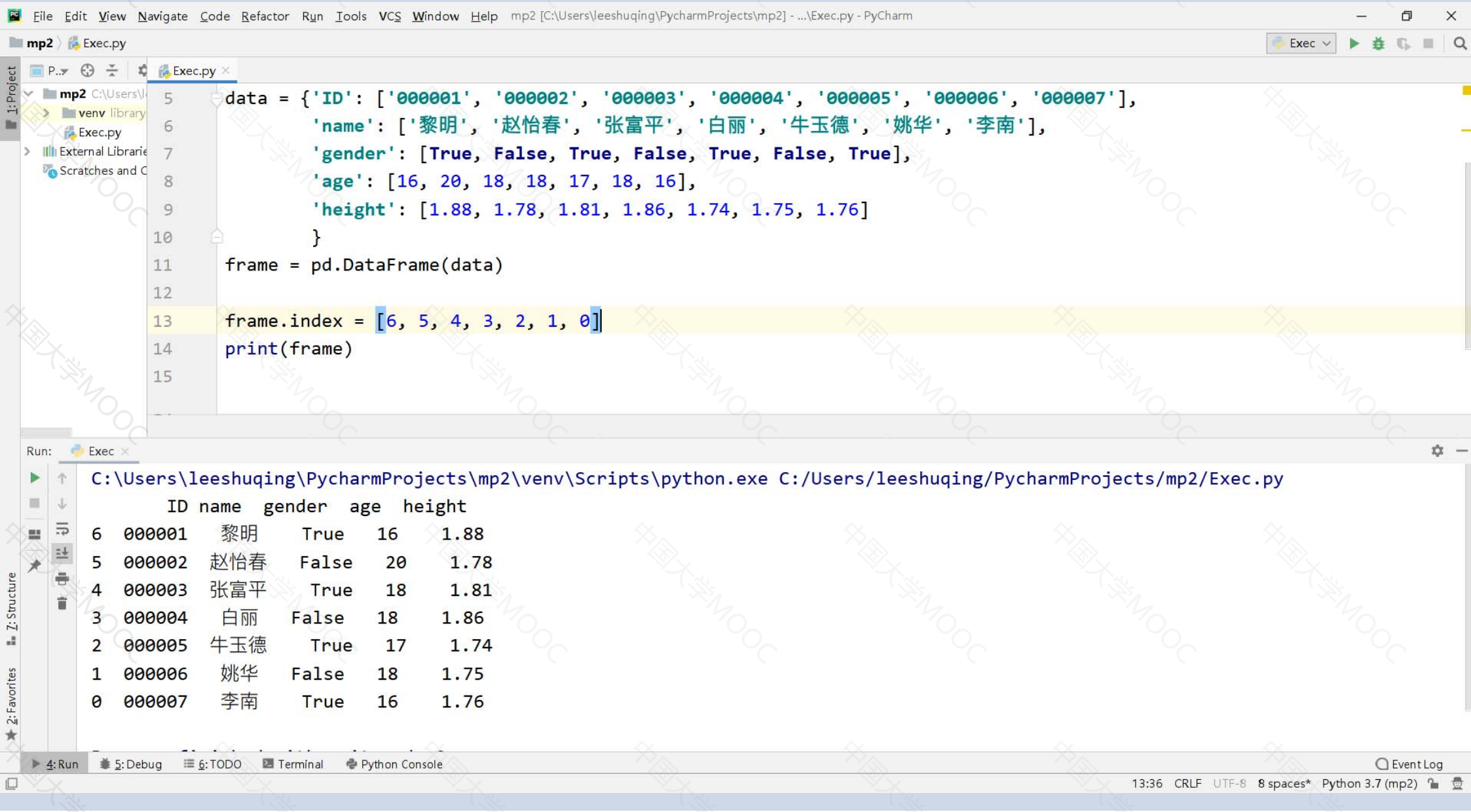
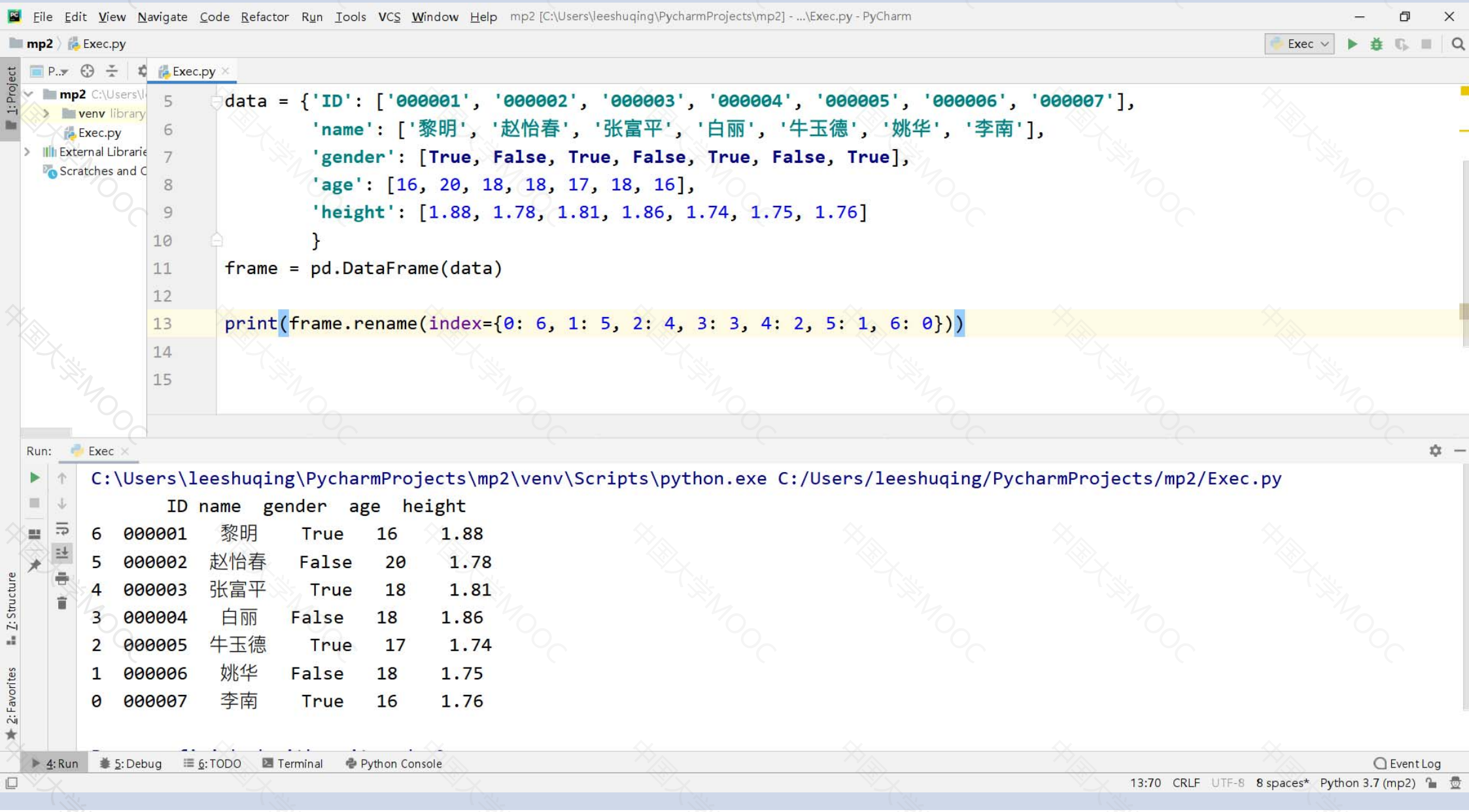
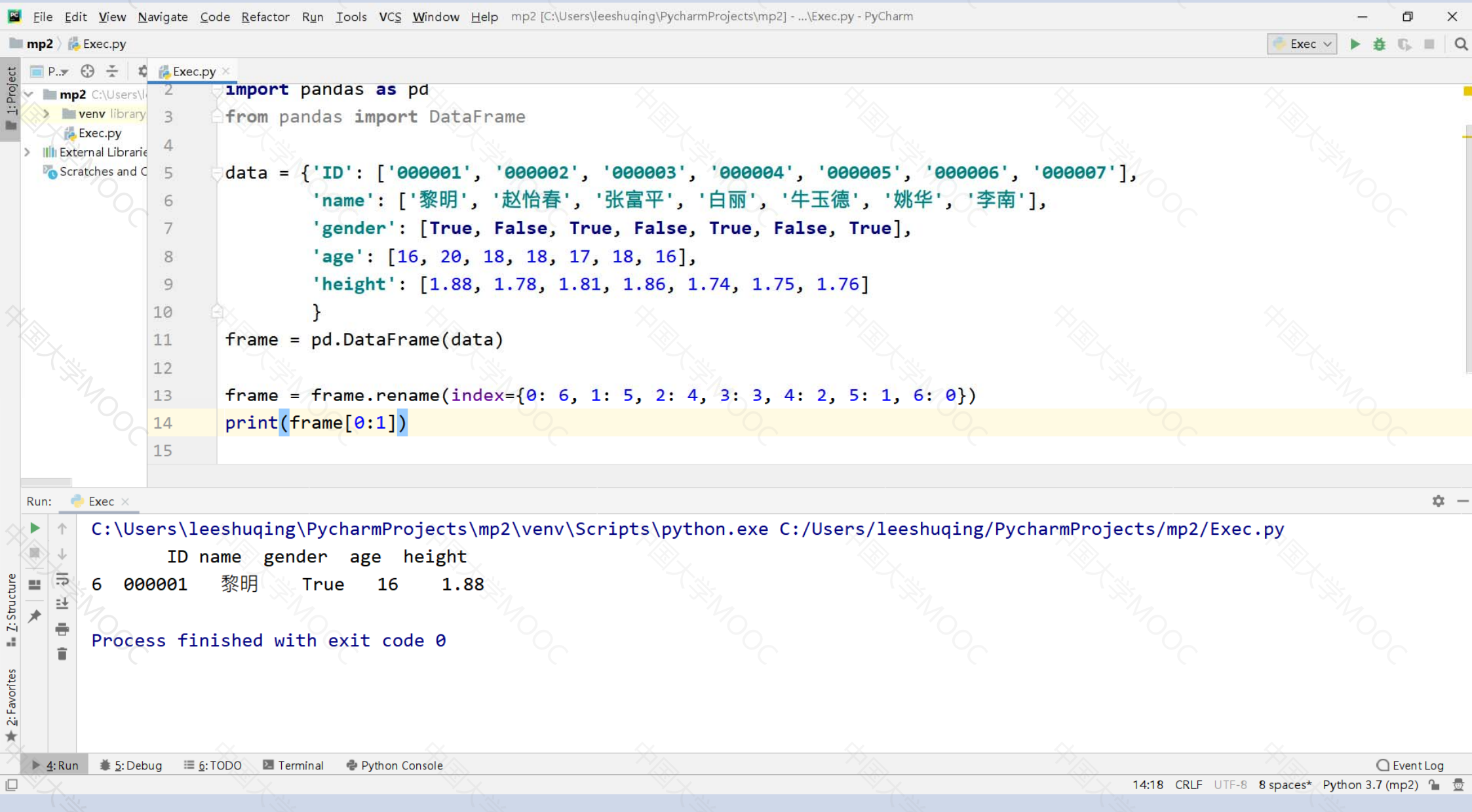
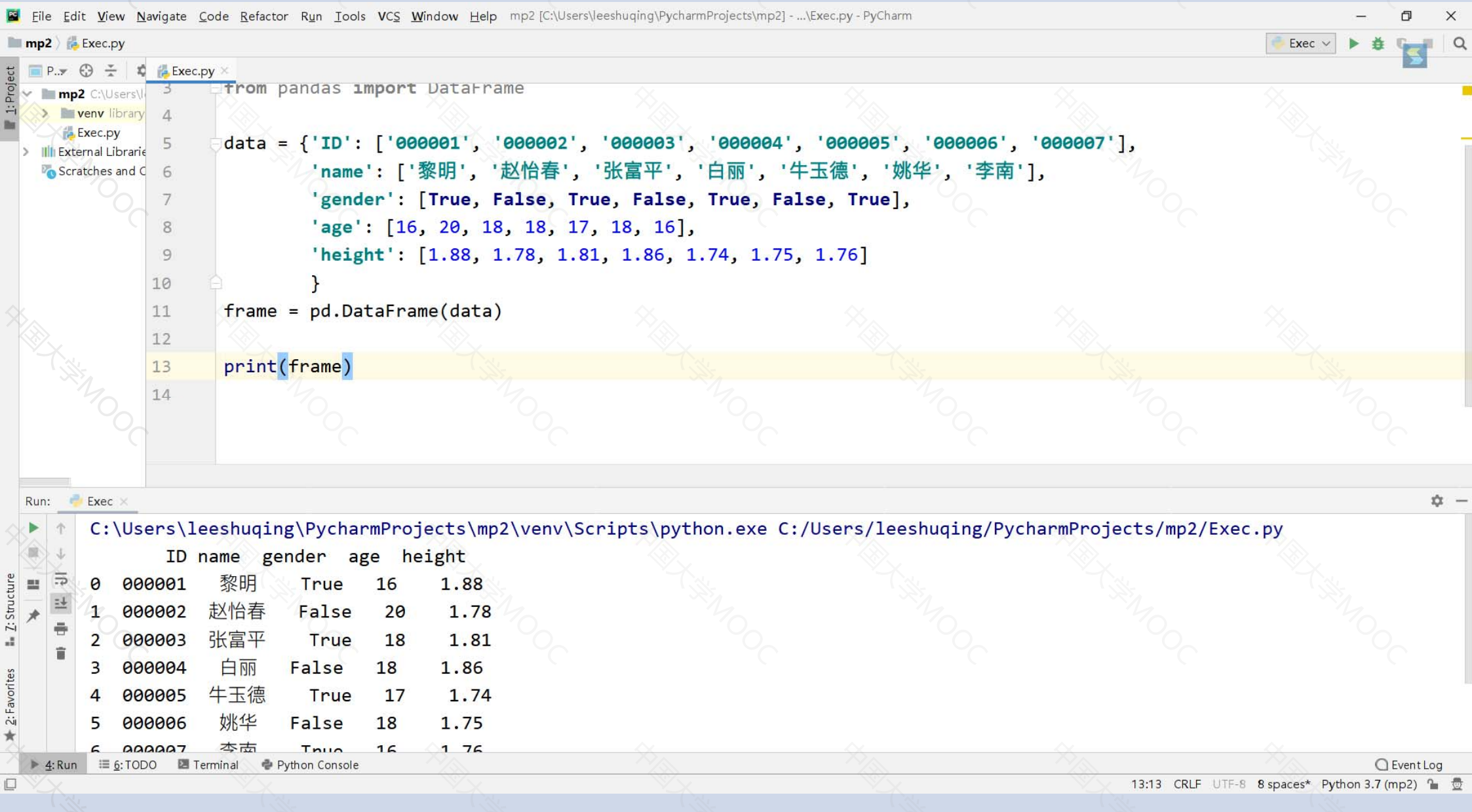
Exec.py
mp2 C:\Users\
venv library
Exec.py
External Librarie
Scratches and C
data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
'gender': [True, False, True, False, True, False, True],
'age': [16, 20, 18, 18, 17, 18, 16],
'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
}
frame = pd.DataFrame(data)
print(frame['height'].apply(round))
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
0 2
1 2
2 2
3 2
4 2
5 2
6 2
Name: height, dtype: int64
Process finished with exit code 0
4: Run
6: TODO
Terminal
Python Console
Event Log
21:36 CRLF UTF-8 4 spaces Python 3.7 (mp2)

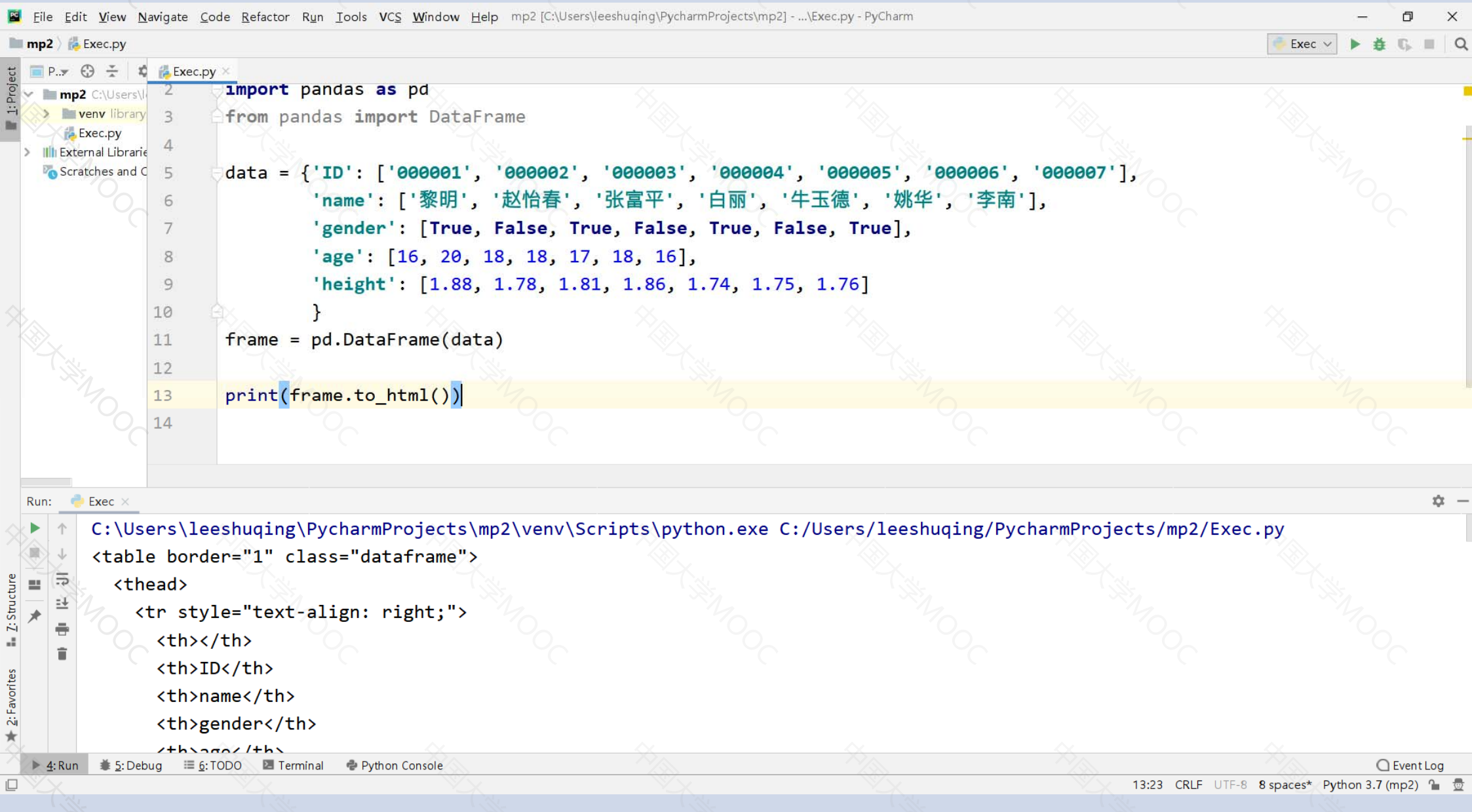

File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\
venv library
Exec.py
External Librarie
Scratches and C
data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
'gender': [True, False, True, False, True, False, True],
'age': [16, 20, 18, 18, 17, 18, 16],
'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
}
frame = pd.DataFrame(data)
print(frame['height'].apply(round, args=[1]))
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
0 1.9
1 1.8
2 1.8
3 1.9
4 1.7
5 1.8
6 1.8
Name: height, dtype: float64
Process finished with exit code 0
4: Run
6: TODO
Terminal
Python Console
Event Log
21:46 CRLF UTF-8 4 spaces Python 3.7 (mp2)

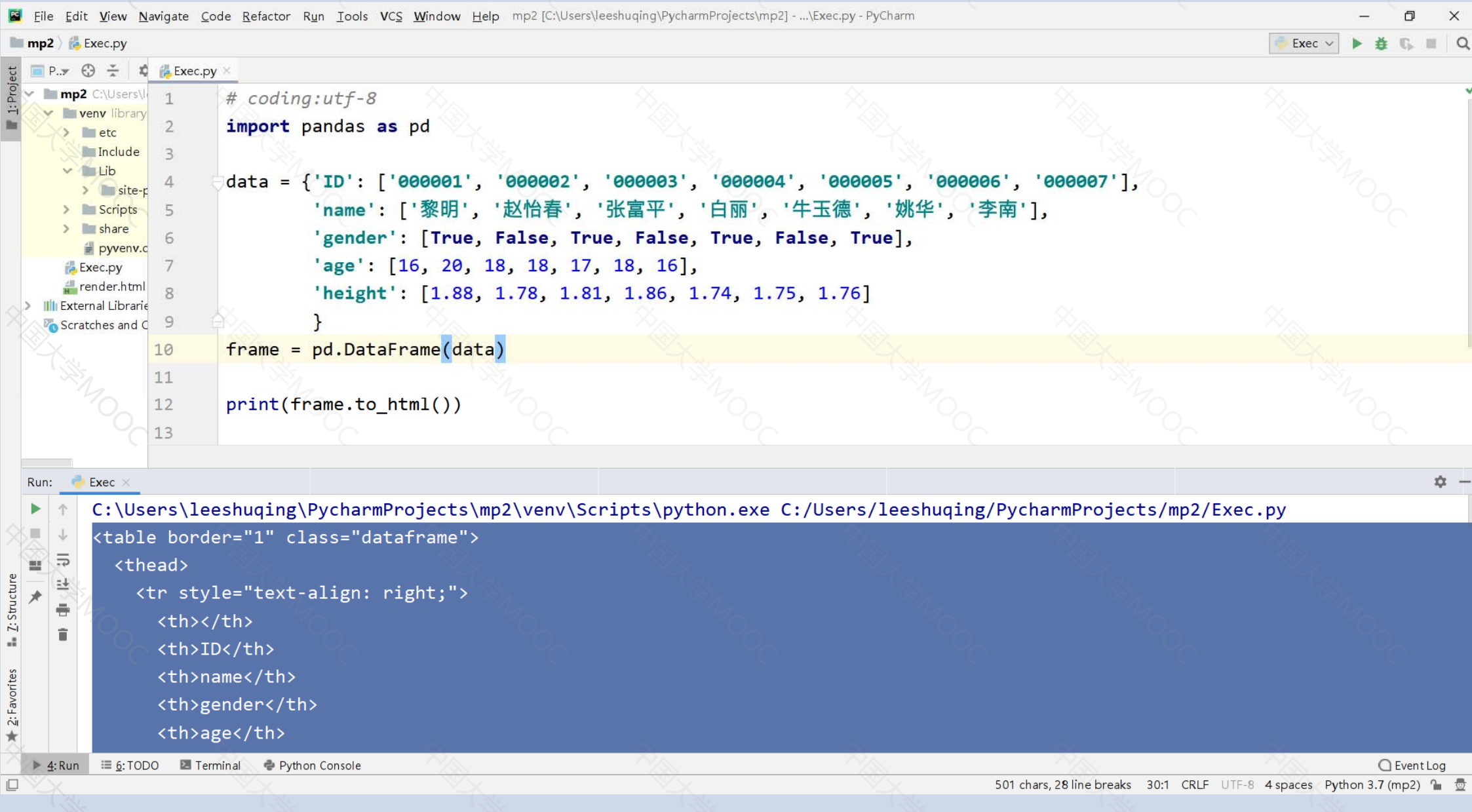

File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
'gender': [True, False, True, False, True, False, True],
'age': [16, 20, 18, 18, 17, 18, 16],
'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
}
frame = pd.DataFrame(data)
frame.index = [6, 5, 4, 3, 2, 1, 0]
print(frame)
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
ID name gender age height
6 000001 黎明 True 16 1.88
5 000002 赵怡春 False 20 1.78
4 000003 张富平 True 18 1.81
3 000004 白丽 False 18 1.86
2 000005 牛玉德 True 17 1.74
1 000006 姚华 False 18 1.75
0 000007 李南 True 16 1.76
4: Run
5: Debug
6: TODO
Terminal
Python Console
Event Log
13:36 CRLF UTF-8 8 spaces* Python 3.7 (mp2)

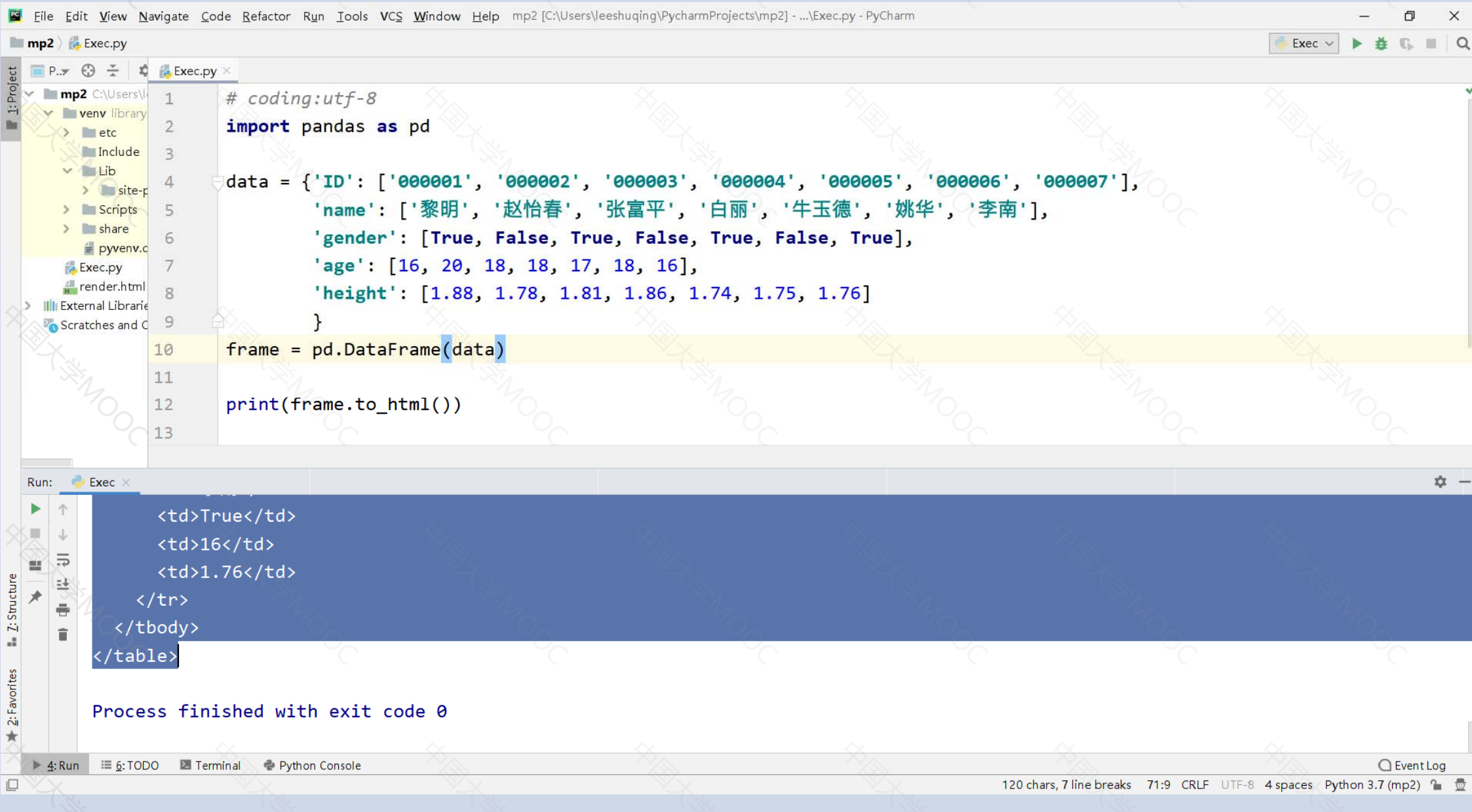

File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
1: Project
data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
'gender': [True, False, True, False, True, False, True],
'age': [16, 20, 18, 18, 17, 18, 16],
'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
}
frame = pd.DataFrame(data)
print(frame.rename(index={0: 6, 1: 5, 2: 4, 3: 3, 4: 2, 5: 1, 6: 0}))
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
ID name gender age height
6 000001 黎明 True 16 1.88
5 000002 赵怡春 False 20 1.78
4 000003 张富平 True 18 1.81
3 000004 白丽 False 18 1.86
2 000005 牛玉德 True 17 1.74
1 000006 姚华 False 18 1.75
0 000007 李南 True 16 1.76
7: Structure
2: Favorites
4: Run
5: Debug
6: TODO
Terminal
Python Console
Event Log
13:70 CRLF UTF-8 8 spaces* Python 3.7 (mp2)

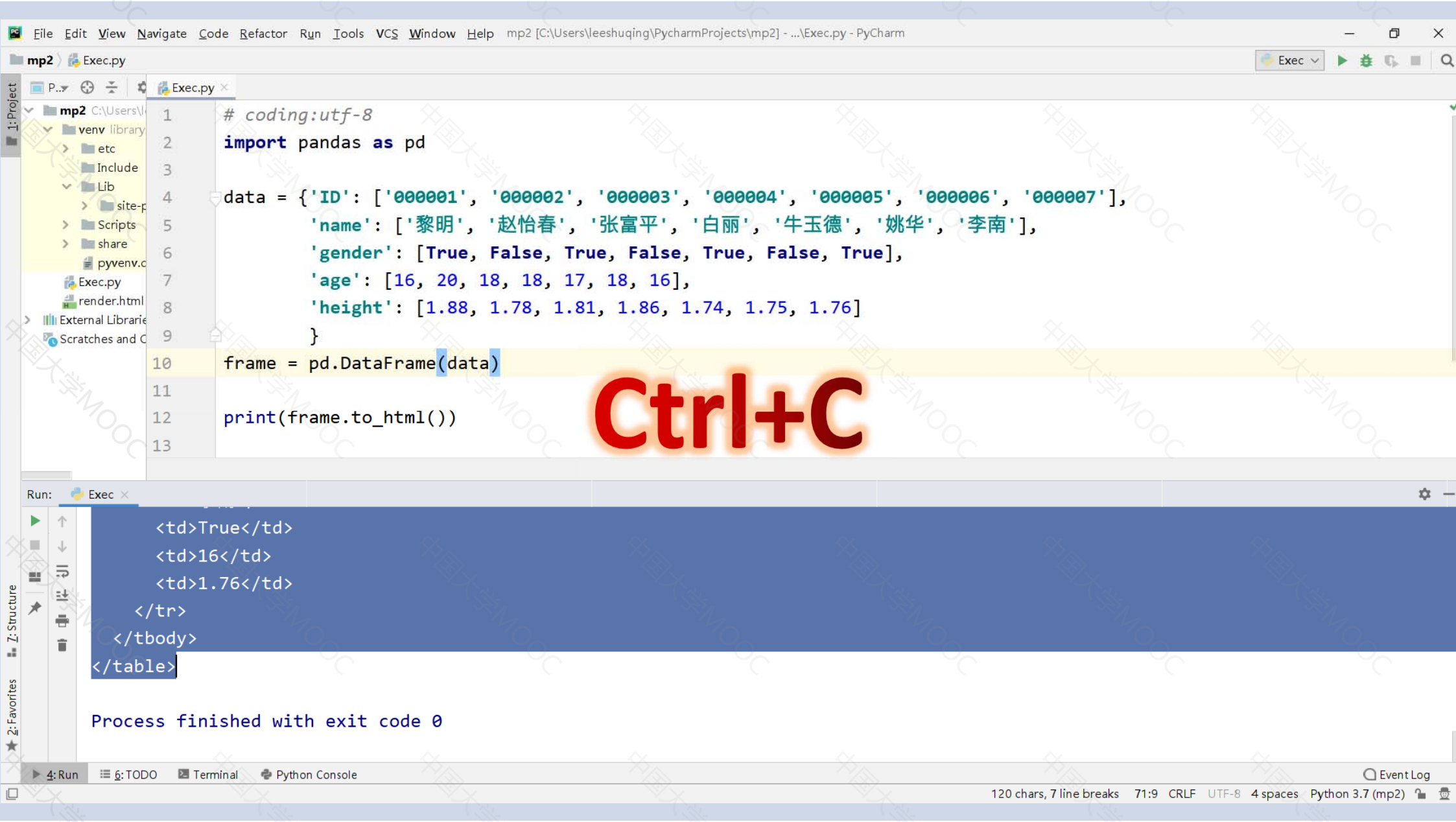

File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
import pandas as pd
from pandas import DataFrame
data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
'gender': [True, False, True, False, True, False, True],
'age': [16, 20, 18, 18, 17, 18, 16],
'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
}
frame = pd.DataFrame(data)
frame = frame.rename(index={0: 6, 1: 5, 2: 4, 3: 3, 4: 2, 5: 1, 6: 0})
print(frame[0:1])
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
ID name gender age height
6 000001 黎明 True 16 1.88
Process finished with exit code 0
4: Run
5: Debug
6: TODO
Terminal
Python Console
Event Log
14:18 CRLF UTF-8 8 spaces* Python 3.7 (mp2)


File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
1: Project
3 from pandas import DataFrame
4
5 data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
6 'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
7 'gender': [True, False, True, False, True, False, True],
8 'age': [16, 20, 18, 18, 17, 18, 16],
9 'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
10 }
11 frame = pd.DataFrame(data)
12
13 print(frame)
14
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
ID name gender age height
0 000001 黎明 True 16 1.88
1 000002 赵怡春 False 20 1.78
2 000003 张富平 True 18 1.81
3 000004 白丽 False 18 1.86
4 000005 牛玉德 True 17 1.74
5 000006 姚华 False 18 1.75
7: Structure
2: Favorites
4: Run
6: TODO
Terminal
Python Console
Event Log
13:13 CRLF UTF-8 8 spaces* Python 3.7 (mp2)

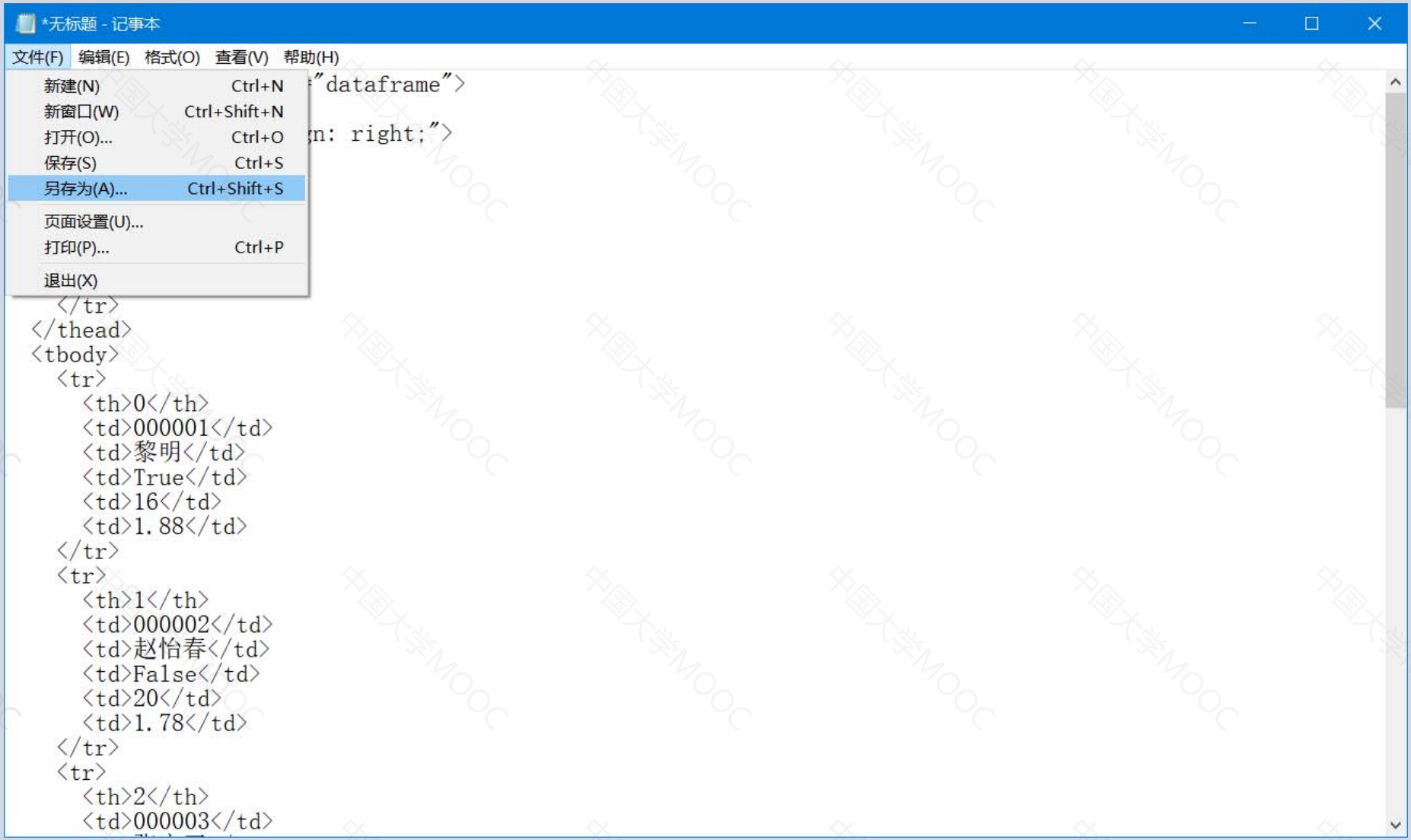

File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
Exec.py
External Librarie
Scratches and C
import pandas as pd
from pandas import DataFrame
data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
'gender': [True, False, True, False, True, False, True],
'age': [16, 20, 18, 18, 17, 18, 16],
'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
}
frame = pd.DataFrame(data)
print(frame.to_html())
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
<table border="1" class="dataframe">
<thead>
<tr style="text-align: right;">
<th></th>
<th>ID</th>
<th>name</th>
<th>gender</th>
4: Run 5: Debug 6: TODO Terminal Python Console
Event Log
13:23 CRLF UTF-8 8 spaces* Python 3.7 (mp2)

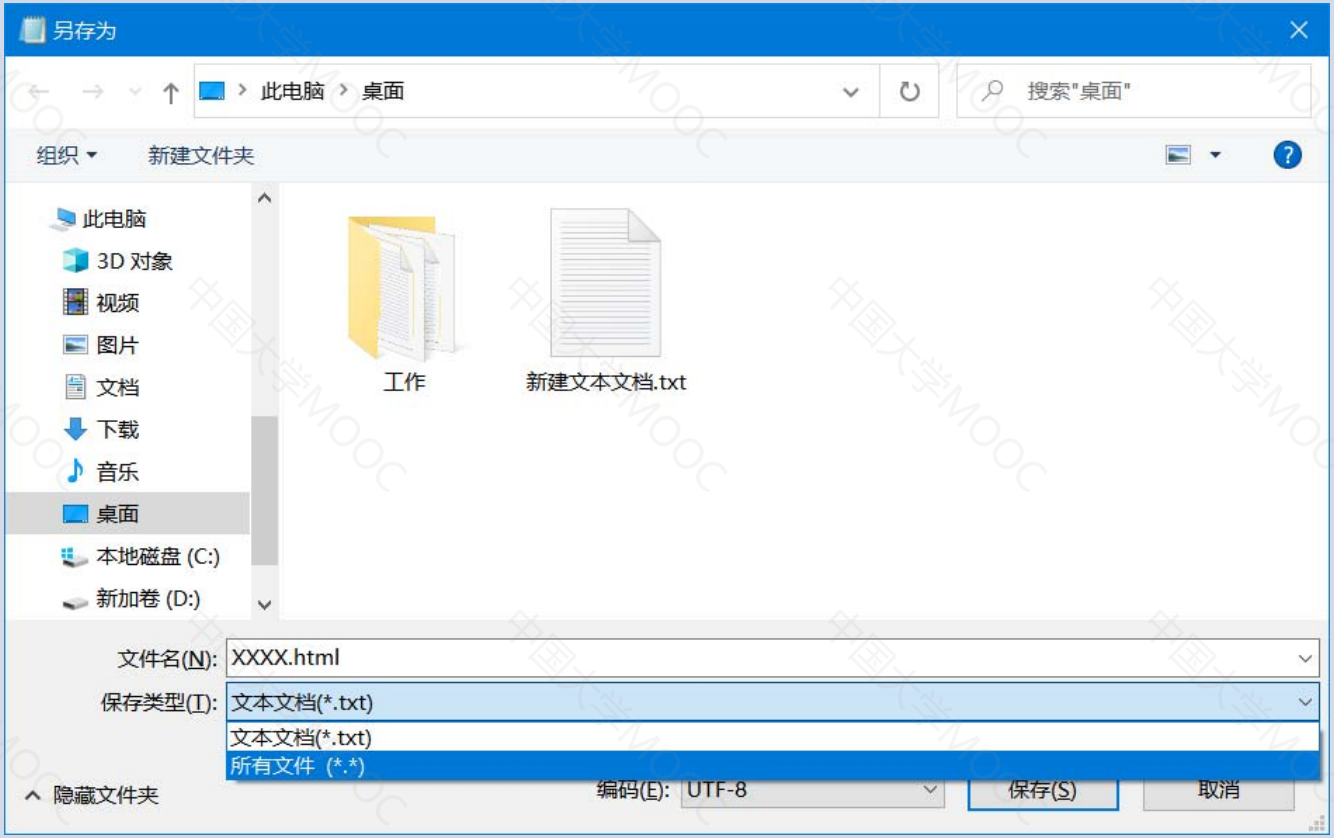

File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
etc
Include
Lib
site-p
Scripts
share
pyvenv.c
Exec.py
render.html
External Librarie
Scratches and C
1 # coding:utf-8
2 import pandas as pd
3
4 data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
5 'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
6 'gender': [True, False, True, False, True, False, True],
7 'age': [16, 20, 18, 18, 17, 18, 16],
8 'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
9 }
10 frame = pd.DataFrame(data)
11
12 print(frame.to_html())
13
Run: Exec
C:\Users\leeshuqing\PycharmProjects\mp2\venv\Scripts\python.exe C:/Users/leeshuqing/PycharmProjects/mp2/Exec.py
<table border="1" class="dataframe">
<thead>
<tr style="text-align: right;">
<th></th>
<th>ID</th>
<th>name</th>
<th>gender</th>
<th>age</th>
4: Run 6: TODO Terminal Python Console Event Log
501 chars, 28 line breaks 30:1 CRLF UTF-8 4 spaces Python 3.7 (mp2)

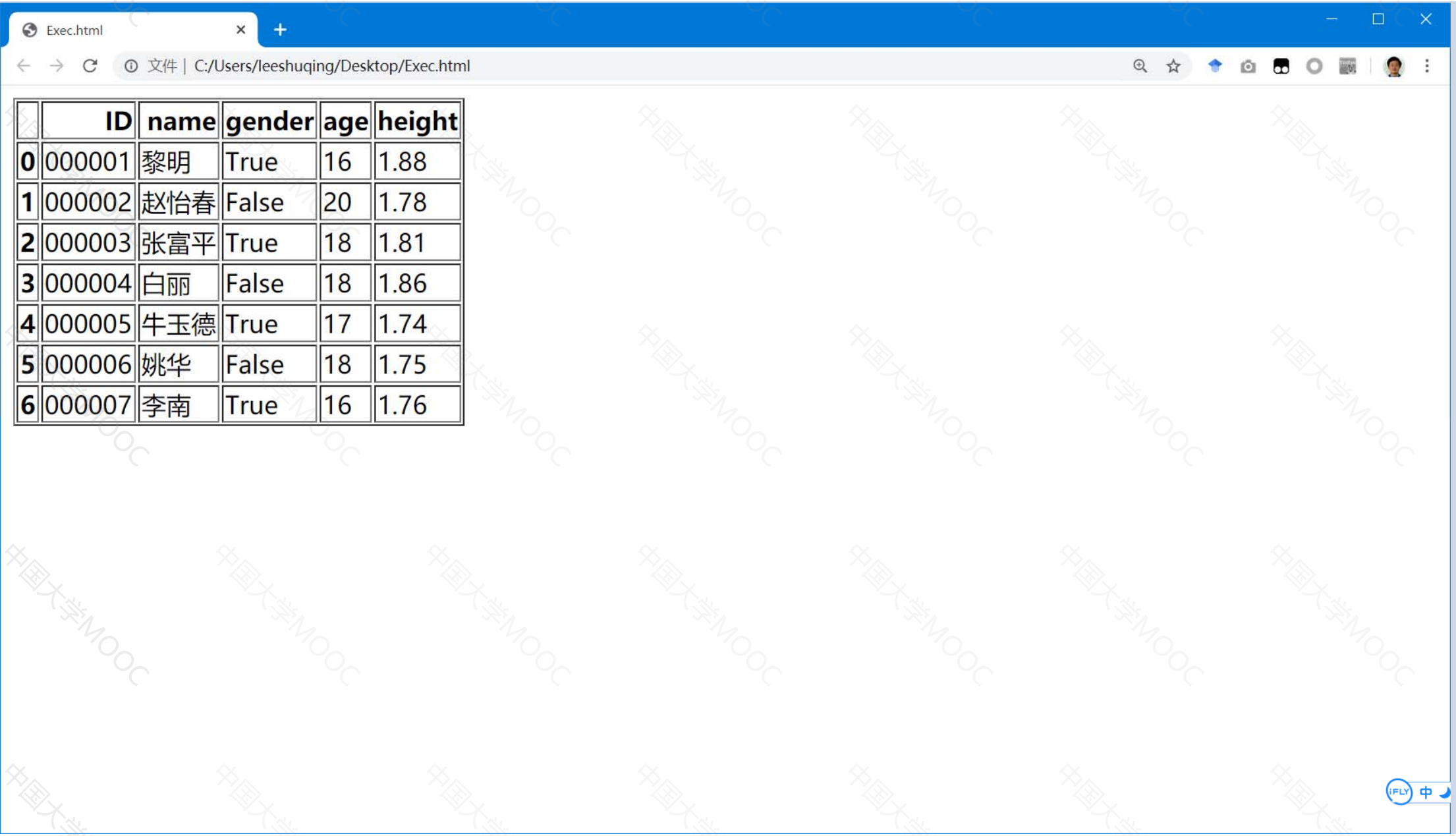

File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
mp2 C:\Users\l
venv library
etc
Include
Lib
site-p
Scripts
share
pyvenv.c
Exec.py
render.html
External Librarie
Scratches and C
1 # coding:utf-8
2 import pandas as pd
3
4 data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
5 'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
6 'gender': [True, False, True, False, True, False, True],
7 'age': [16, 20, 18, 18, 17, 18, 16],
8 'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
9 }
10 frame = pd.DataFrame(data)
11
12 print(frame.to_html())
13
Run: Exec
<td>True</td>
<td>16</td>
<td>1.76</td>
</tr>
</tbody>
</table>
Process finished with exit code 0
4: Run
6: TODO
Terminal
Python Console
Event Log
120 chars, 7 line breaks 71:9 CRLF UTF-8 4 spaces Python 3.7 (mp2)
1: Project
7: Structure
2: Favorites


File Edit View Navigate Code Refactor Run Tools VCS Window Help mp2 [C:\Users\leeshuqing\PycharmProjects\mp2] - ...\Exec.py - PyCharm
mp2 Exec.py
Exec
Exec.py
1 # coding:utf-8
2 import pandas as pd
3
4 data = {'ID': ['000001', '000002', '000003', '000004', '000005', '000006', '000007'],
5 'name': ['黎明', '赵怡春', '张富平', '白丽', '牛玉德', '姚华', '李南'],
6 'gender': [True, False, True, False, True, False, True],
7 'age': [16, 20, 18, 18, 17, 18, 16],
8 'height': [1.88, 1.78, 1.81, 1.86, 1.74, 1.75, 1.76]
9 }
10 frame = pd.DataFrame(data)
11
12 print(frame.to_html())
13
Ctrl+C
Run: Exec
<td>True</td>
<td>16</td>
<td>1.76</td>
</tr>
</tbody>
</table>
Process finished with exit code 0
4: Run
6: TODO
Terminal
Python Console
Event Log
120 chars, 7 line breaks 71:9 CRLF UTF-8 4 spaces Python 3.7 (mp2)


*无标题 - 记事本
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
<table border="1" class="dataframe">
<thead>
<tr style="text-align: right;">
<th></th>
<th>ID</th>
<th>name</th>
<th>gender</th>
<th>age</th>
<th>height</th>
</tr>
</thead>
<tbody>
<tr>
<th>0</th>
<td>000001</td>
<td>黎明</td>
<td>True</td>
<td>16</td>
<td>1.88</td>
</tr>
<tr>
<th>1</th>
<td>000002</td>
<td>赵怡春</td>
<td>False</td>
<td>20</td>
<td>1.78</td>
</tr>
<tr>
<th>2</th>
<td>000003</td>
Ctrl+V


*无标题 - 记事本
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
新建(N) Ctrl+N
新窗口(W) Ctrl+Shift+N
打开(O)... Ctrl+O
保存(S) Ctrl+S
另存为(A)... Ctrl+Shift+S
页面设置(U)...
打印(P)... Ctrl+P
退出(X)
"dataframe">
n: right;">
</tr>
</thead>
<tbody>
<tr>
<th>0</th>
<td>000001</td>
<td>黎明</td>
<td>True</td>
<td>16</td>
<td>1.88</td>
</tr>
<tr>
<th>1</th>
<td>000002</td>
<td>赵怡春</td>
<td>False</td>
<td>20</td>
<td>1.78</td>
</tr>
<tr>
<th>2</th>
<td>000003</td>


另存为
此电脑 › 桌面
搜索"桌面"
组织
新建文件夹
此电脑
3D 对象
视频
图片
文档
下载
音乐
桌面
本地磁盘 (C:)
新加卷 (D:)
工作
新建文本文档.txt
文件名(N): XXXX.html
保存类型(T): 文本文档(*.txt)
文本文档(*.txt)
所有文件 (*.*)
隐藏文件夹
编码(E): UTF-8
保存(S)
取消



	ID	name	gender	age	height
0	000001	黎明	True	16	1.88
1	000002	赵怡春	False	20	1.78
2	000003	张富平	True	18	1.81
3	000004	白丽	False	18	1.86
4	000005	牛玉德	True	17	1.74
5	000006	姚华	False	18	1.75
6	000007	李南	True	16	1.76

一次不学多，下次再学