# Name: Najmun Nahar

# ID:301160081

```
Microsoft Windows [Version 10.0.19044.1826]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Moon\cd C:\Users\Moon\anaconda3

C:\Users\Moon\anaconda3>python
Python 3.9.12 (main, Apr 4 2022, 05:22:27) [MSC v.1916 64 bit (AMD64)] :: Anaconda, Inc. on win32

Warning:
This Python interpreter is in a conda environment, but the environment has not been activated. Libraries may fail to load. To activate this environment please see https://conda.io/activation

Type "help", "copyright", "credits" or "license" for more information.

>>>>

✓
```

```
Microsoft Windows [Version 10.0.19044.1826]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Moon\anaconda3>python
Python 3.9.12 (main, Apr 4 2022, 05:22:27) [MSC v.1916 64 bit (AMD64)] :: Anaconda, Inc. on win32

Warning:
This Python interpreter is in a conda environment, but the environment has not been activated. Libraries may fail to load. To activate this environment please see https://conda.io/activation

Type "help", "copyright", "credits" or "license" for more information.
>>> exit()

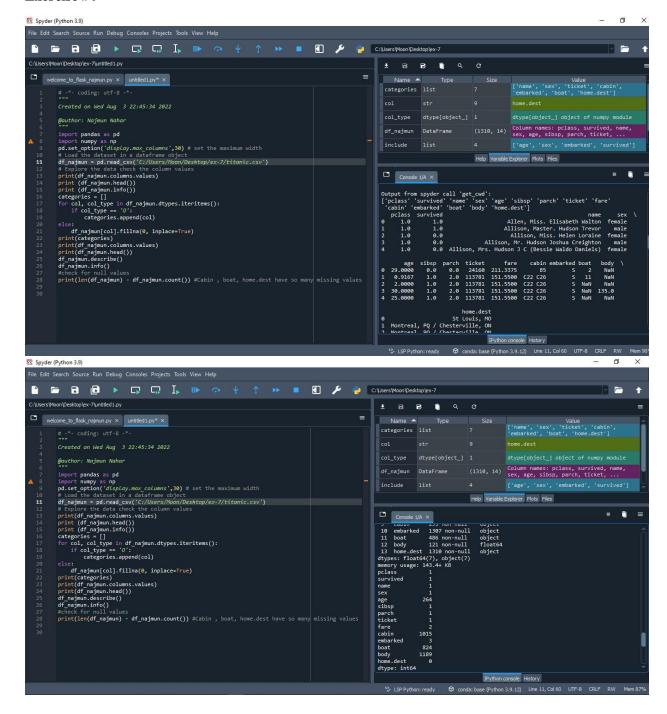
C:\Users\Moon\anaconda3>python "C:\Users\Moon\Desktop\ex-7\helloworldnajmun.py"
Hello world! I am Najmun

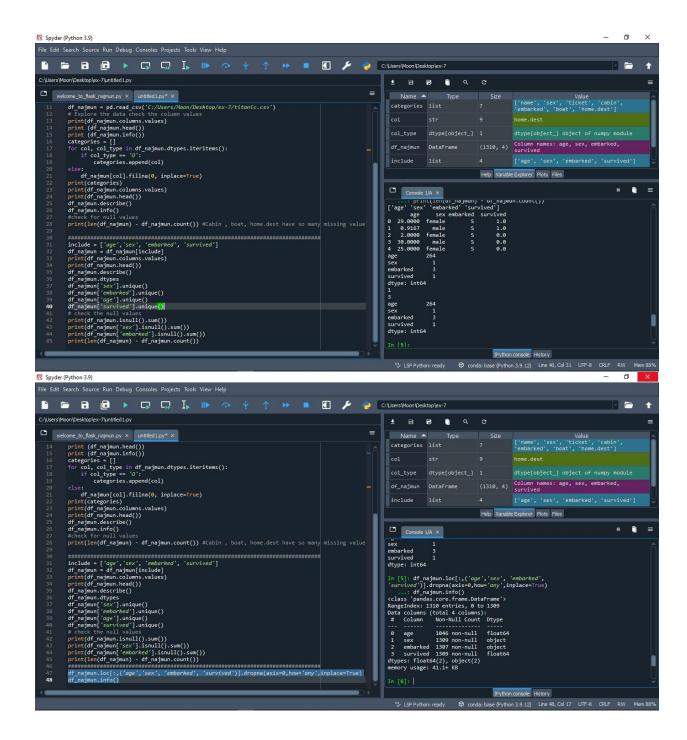
C:\Users\Moon\anaconda3>
```

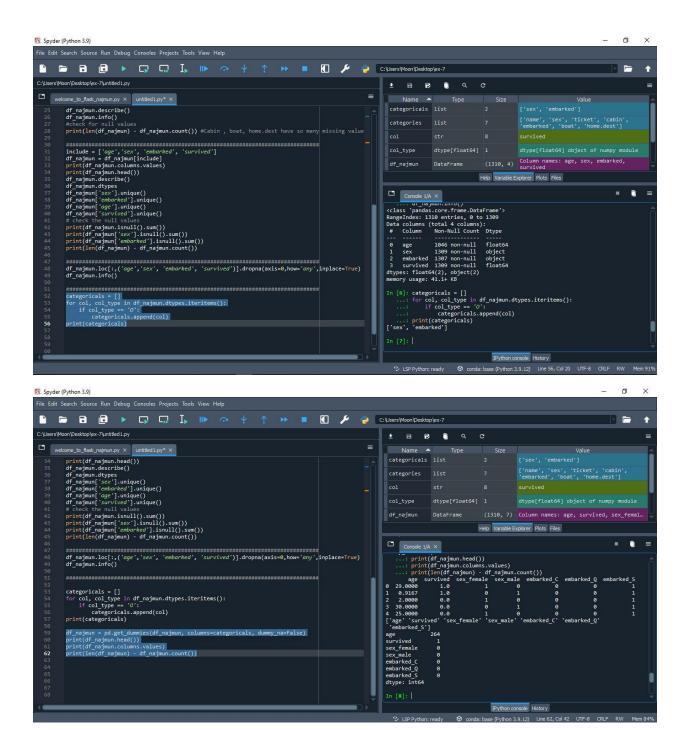
```
C:\WINDOWS\system32\cmd.exe - python "C:\Users\Moon\Desktop\ex-7\welcome_to_flask_najmun.py"
                                                                                                                                               П
                                                                                                                                                      X
 :\Users\Moon>cd C:\Users\Moon\anaconda3
C:\Users\Moon\anaconda3>python
Python 3.9.12 (main, Apr 4 2022, 05:22:27) [MSC v.1916 64 bit (AMD64)] :: Anaconda, Inc. on win32
Warning:
This Python interpreter is in a conda environment, but the environment has not been activated. Libraries may fail to load. To activate this environment please see https://conda.io/activation
Type "help", "copyright", "credits" or "license" for more information.
C:\Users\Moon\anaconda3>python "C:\Users\Moon\Desktop\ex-7\helloworldnajmun.py"
Hello world! I am Najmun
C:\Users\Moon\anaconda3>python "C:\Users\Moon\Desktop\ex-7\welcome_to_flask_najmun"
python: can't open file 'C:\Users\Moon\Desktop\ex-7\welcome_to_flask_najmun': [Errno 2] No such file or directory
 :\Users\Moon\anaconda3>python "C:\Users\Moon\Desktop\ex-7\welcome_to_flask_najmun.py"
* Serving Flask app "welcome_to_flask_najmun" (lazy loading)
* Environment: production
   Use a production WSGI server instead.
 * Debugger is active!

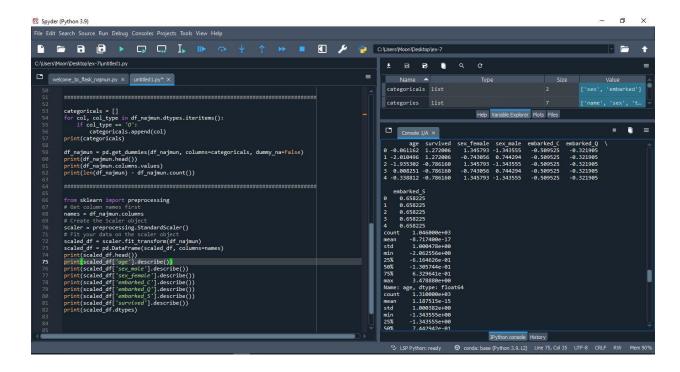
* Debugger is active!
   Debugger PIN: 125-782-633
   Running on http://127.0.0.1:12345/ (Press CTRL+C to quit)
```

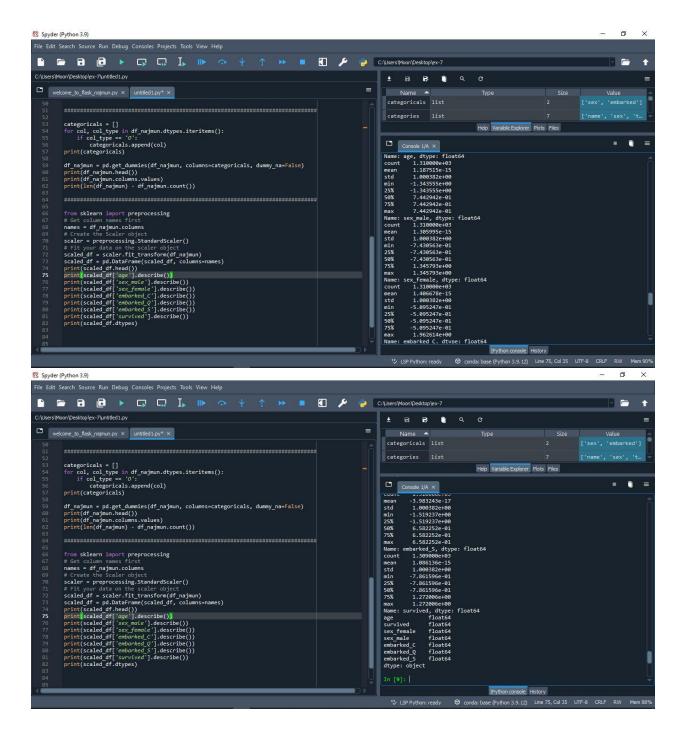


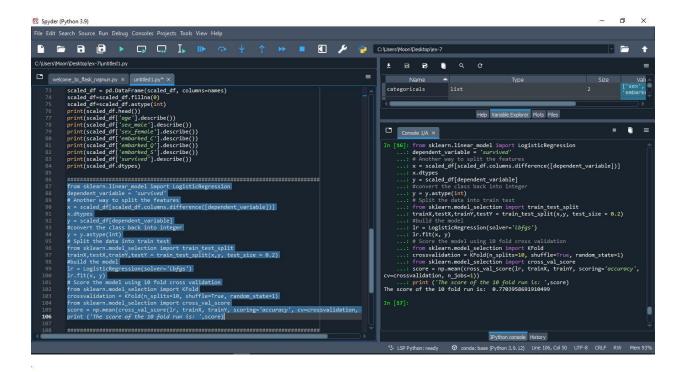


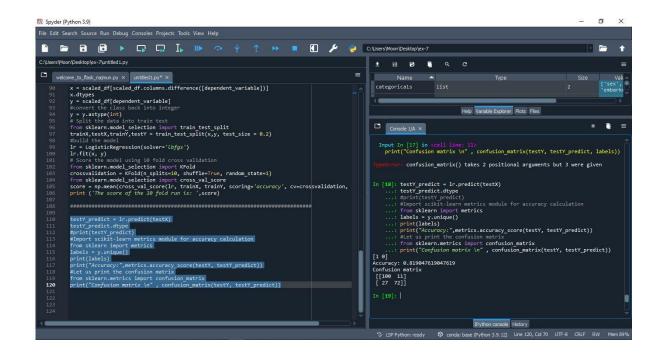


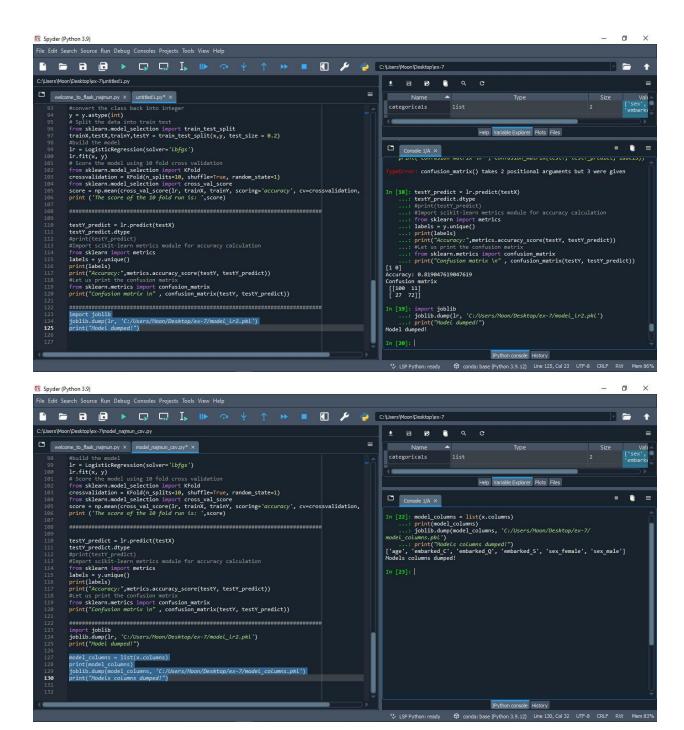


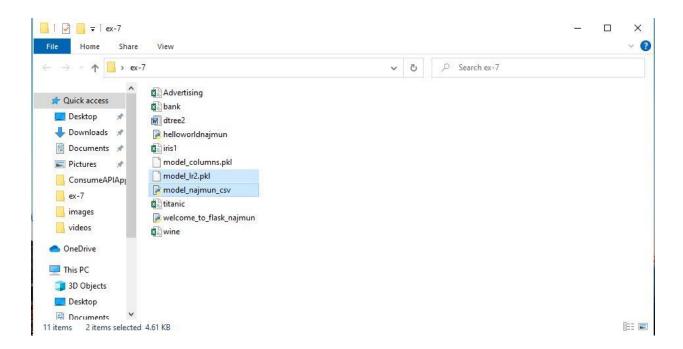


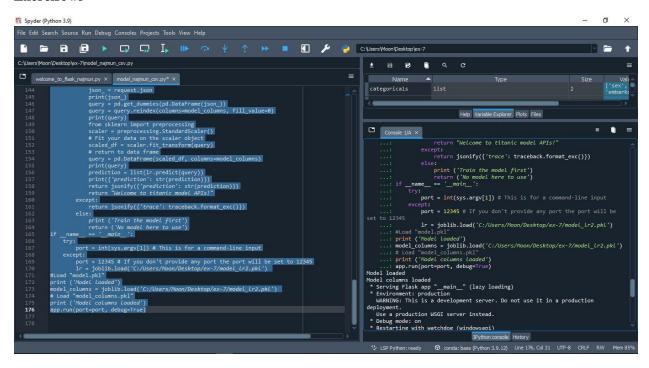












```
C:\WINDOWS\system32\cmd.exe
                                                                                                                                                                             X
Name: embarked_S, dtype: float64
count 1310.000000
                  0.381679
mean
 std
                   0.485984
min
25%
50%
                  0.000000
                  0.000000
                  0.000000
1.000000
 75%
                  1.000000
 max
Name: survived, dtype: float64
age int32
survived
sex_female
sex_male
embarked_C
embarked_Q
embarked_S
                      int32
                     int32
dtype: object
The score of the 10 fold run is: 0.7796336996336996
The score of the 10 Tolu Tun 13.
[1 0]
Accuracy: 0.7786259541984732
Confusion matrix
[[118 16]
[ 42 86]]
Model dumped!
['age', 'embarked_C', 'embarked_Q', 'embarked_S', 'sex_female', 'sex_male']
Models columns dumped!
C:\Users\Moon\anaconda3>
  C:\WINDOWS\system32\cmd.exe - python "C:\Users\Moon\Desktop\ex-7\api_Ir.py"
                                                                                                                                                                              X
sex_male
 embarked_C
embarked_Q
embarked_S
dtype: object
The score of the 10 fold run is: 0.7796336996336996
[1 0]
[1 0]
Accuracy: 0.7786259541984732
Confusion matrix
[[118 16]
[ 42 86]]
Model dumped!
['age', 'embarked_C', 'embarked_Q', 'embarked_S', 'sex_female', 'sex_male']
Models columns dumped!
C:\Users\Moon\anaconda3>python "C:\Users\Moon\Desktop\ex-7\api_lr.py"
 Model loaded
 Model columns loaded
* Serving Flask app "api_lr" (lazy loading)
* Environment: production
    Use a production WSGI server instead.
  * Debug mode: on
  * Restarting with watchdog (windowsapi)
Model loaded
 Model columns loaded

* Debugger is active!

* Debugger PIN: 125-782-633

* Running on http://127.0.0.1:12345/ (Press CTRL+C to quit)
```