ML – Project1 ID3

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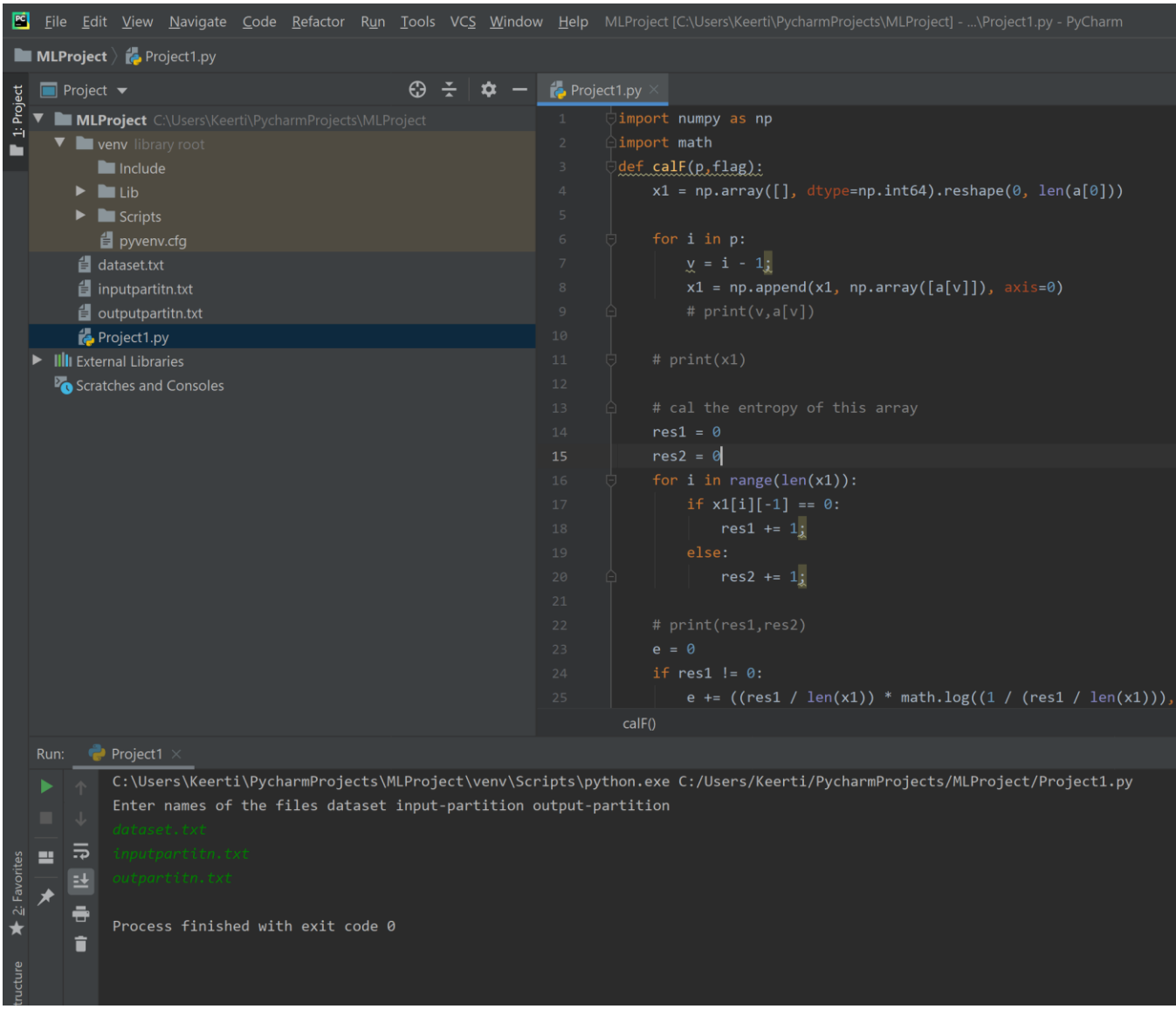
The goal of this project is to implement a program for inferring imperfect decision trees.

Steps to execute the project:

1. Copy the .py file to an empty pycharm project / run the file on console
2. Enter names of the files in requested form.
3. Check the output file.



For Data Set:

10 4
0 0 0 0
0 0 1 0
1 0 2 0
2 2 0 1
0 0 1 1
0 1 2 1
1 1 1 1
1 2 2 0
0 0 1 0
2 0 1 0

Input Partition:

X 1 10
Y2 2 3 4 5
Z 6 7 8 9

Output: