



assign5_classes.py assign5_main.py assign5_classes.py assign5_main.py

The image displays two side-by-side screenshots of a code editor window, likely from a web-based IDE. The left window is titled 'aLeaf' and the right window is titled '(top)'. Both windows show a file named 'aLeaf.py' with a header section containing comments about the project and a main section with imports and a class definition.

Left Window (aLeaf):

```
1 #####
2 # Jason Maynard
3 # U30503758
4 # Assignment 5
5 #####
6 # These are the classes and methods used in the project. This file
7 # is called by the main program to perform the calculations.
8 #
9 # References:
10 # My AI group - Nataliya Ivanova, Josh Philpott.
11 # The supporting website for the book found at http://aima.cs.berkeley.edu
12 # http://www.cs.bham.ac.uk/internal/courses/intro-ai/current/notes.php
13 #
14 #####
15
16 import math
17 import copy # https://docs.python.org/2/library/copy.html
18
19 # -----
20 class aLeaf:
```

Right Window (top):

```
1 #####
2 # Jason Maynard
3 # U30503758
4 # Assignment 5
5 #####
6 # This is the main driver program. It calls functions and classes from
7 # assign5_learning.py
8 #
9 # References:
10 # My AI group - Nataliya Ivanova, Josh Philpott.
11 # The supporting website for the book found at http://aima.cs.berkeley.edu
12 # http://www.cs.bham.ac.uk/internal/courses/intro-ai/current/notes.php
13 #
14 #####
15
16 import assign5_classes as learn
17 import copy # https://docs.python.org/2/library/copy.html
18
19 # Get the data -----
20 - try:
21 -     with open ("input.txt") as the file:
```

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[Stack Data](#)
[Debug Probe](#)
[Watch](#)
[Exceptions](#)
[Breakpoints](#)
[Python Shell](#)
[OS Commands](#)
[Uses](#)
[Git](#)
[Bookmarks](#)

Debug I/O (stdin, stdout, stderr) appears below

Options

Diff

Source Assistant

Call Stack

Indentation

Attributes:
Classification
BindType
StyleOfBook
ColorPictures
WellKnown
Length

Training data:
['Positive', 'Hardcover', 'Novel', 'Nocolor', 'Popular', 'Long']
['Positive', 'Softcover', 'Textbook', 'Nocolor', 'Popular', 'Long']
['Negative', 'Softcover', 'Novel', 'Nocolor', 'Popular', 'Short']
['Positive', 'Hardcover', 'Textbook', 'Color', 'Popular', 'Short']
['Positive', 'Hardcover', 'Photojournal', 'Color', 'Unknown', 'Short']
['Negative', 'Softcover', 'Textbook', 'Nocolor', 'Unknown', 'Short']
['Positive', 'Hardcover', 'Photojournal', 'Color', 'Popular', 'Long']
['Negative', 'Softcover', 'Novel', 'Color', 'Unknown', 'Short']

Test data:
['Softcover', 'Novel', 'Color', 'Unknown', 'Short']
['Hardcover', 'Textbook', 'Color', 'Popular', 'Short']

The classification results for the test data:
Negative
Positive