Software Engineering

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Lab: 05

Github tool and selected repository

Here, i am using pylint tool for python

https://github.com/rishabh1005/Algorithmic-Toolbox

Cloing and installing require tools

Performing static Analysis and error understanding

(1)
https://github.com/rishabh1005/Algorithmic-Toolbox/blob/master/week6_dynamic_progr
amming2/3_maximum_value_of_an_arithmetic_expression/placing_parentheses.py

Tool Output:


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'pylint' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\student>python-m pylint ./Algorithmic-Toolbox/week6_dynamic_programming2/3_maximum_value_of_an_arithmetic_expression/placing_parentheses.py
'python-m' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\student>py-m pylint ./Algorithmic-Toolbox/week6_dynamic_programming2/3_maximum_value_of_an_arithmetic_expression/placing_parentheses.py
'py-m' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\student>py -m pylint ./Algorithmic-Toolbox/week6_dynamic_programming2/3_maximum_value_of_an_arithmetic_expression/placing_parentheses.py
************* Module placing_parentheses
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:1:0: C0114: Missing module docstring (missing-module-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:2:0: C0116: Missing function or method docstring (missing-function-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:2:10: C0103: Argument name "a" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:2:13: C0103: Argument name "b" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:2:16: C0103: Argument name "op" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:2:16: W0621: Redefining name 'op' from outer scope (line 43) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:3:4: R1705: Unnecessary "elif" after "return", remove the leading "el" from "elif" (no-else-return)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:0: C0116: Missing function or method docstring (missing-function-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:0: C0103: Function name "MinAndMax" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:14: C0103: Argument name "M" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:17: C0103: Argument name "m" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:26: C0103: Argument name "op" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:20: W0621: Redefining name 'i' from outer scope (line 44) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:26: W0621: Redefining name 'op' from outer scope (line 43) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:16:8: C0103: Variable name "a" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:17:8: C0103: Variable name "b" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:18:8: C0103: Variable name "c" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:19:8: C0103: Variable name "d" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:24:0: C0116: Missing function or method docstring (missing-function-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:24:27: C0103: Argument name "op" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:24:22: W0621: Redefining name 'num' from outer scope (line 43) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:24:27: W0621: Redefining name 'op' from outer scope (line 43) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:30:8: W0621: Redefining name 'i' from outer scope (line 44) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:26:4: C0103: Variable name "n" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:27:4: C0103: Variable name "m" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:28:4: C0103: Variable name "M" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:34:8: C0103: Variable name "s" doesn't conform to snake_case naming style (invalid-name)

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Your code has been rated at 3.08/10


C:\Users\student>
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(2)

https://github.com/rishabh1005/Algorithmic-Toolbox/blob/master/week6_dynamic_programming2/1_maximum_amount_of_gold/knapsack.py

Tool Output:

```
operable program or batch file.

C:\Users\student>py -m pylint ./Algorithmic-Toolbox/week6_dynamic_programming2/3_maximum_value_of_an_arithmetic_expression/placing_parentheses.py
************* Module placing_parentheses
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:1:0: C0114: Missing module docstring (missing-module-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:2:0: C0116: Missing function or method docstring (missing-function-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:2:10: C0103: Argument name "a" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:2:13: C0103: Argument name "b" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:2:16: C0103: Argument name "op" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:2:16: W0621: Redefining name 'op' from outer scope (line 43) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:3:4: R1705: Unnecessary "elif" after "return", remove the leading "el" from "elif" (no-else-return)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:0: C0116: Missing function or method docstring (missing-function-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:0: C0103: Function name "MinAndMax" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:14: C0103: Argument name "M" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:17: C0103: Argument name "m" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:26: C0103: Argument name "op" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:26: W0621: Redefining name 'op' from outer scope (line 43) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:12:20: W0621: Redefining name 'i' from outer scope (line 44) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:16:8: C0103: Variable name "a" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:17:8: C0103: Variable name "b" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:18:8: C0103: Variable name "c" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:19:8: C0103: Variable name "d" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:24:0: C0116: Missing function or method docstring (missing-function-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:24:27: C0103: Argument name "op" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:24:22: W0621: Redefining name 'num' from outer scope (line 43) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:24:27: W0621: Redefining name 'op' from outer scope (line 43) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:30:8: W0621: Redefining name 'i' from outer scope (line 44) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:26:4: C0103: Variable name "n" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:27:4: C0103: Variable name "m" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:28:4: C0103: Variable name "M" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:34:8: C0103: Variable name "s" doesn't conform to snake_case naming style (invalid-name)

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Your code has been rated at 3.08/10

C:\Users\student>py -m pylint ./Algorithmic-Toolbox/week6_dynamic_programming2/1_maximum_amount_of_gold/knapsack.py
************* Module knapsack
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:18:0: C0303: Trailing whitespace (trailing-whitespace)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:1:0: C0114: Missing module docstring (missing-module-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:20:4: W0622: Redefining built-in 'input' (redefined-builtin)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:4:0: C0116: Missing function or method docstring (missing-function-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:4:19: C0103: Argument name "W" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:4:22: C0103: Argument name "w" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:4:19: W0621: Redefining name 'W' from outer scope (line 21) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:4:22: W0621: Redefining name 'w' from outer scope (line 21) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:11:12: C0103: Variable name "p" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:12:12: C0103: Variable name "c" doesn't conform to snake_case naming style (invalid-name)

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Your code has been rated at 3.33/10

C:\Users\student>
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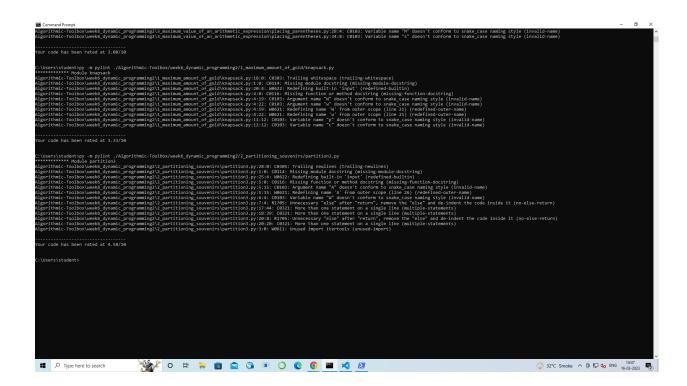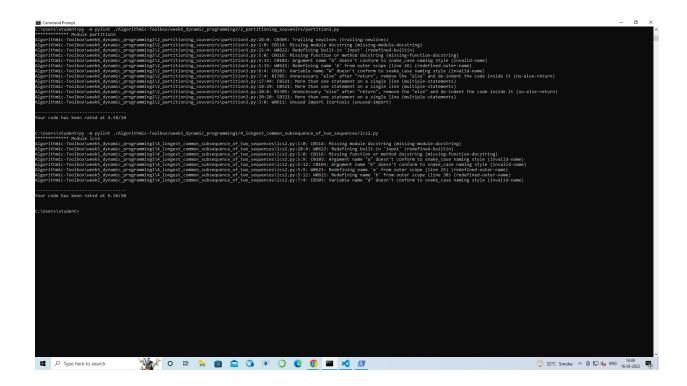
(3)

https://github.com/rishabh1005/Algorithmic-Toolbox/blob/master/week6_dynamic_programming2/2_partitioning_souvenirs/partition3.py

Tool Output:

```
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:28:4: C0103: Variable name "M" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\3_maximum_value_of_an_arithmetic_expression\placing_parentheses.py:34:8: C0103: Variable name "s" doesn't conform to snake_case naming style (invalid-name)

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Your code has been rated at 3.08/10


C:\Users\student>py -m pylint ./Algorithmic-Toolbox/week6_dynamic_programming2/1_maximum_amount_of_gold/knapsack.py
************* Module knapsack
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:18:0: C0303: Trailing whitespace (trailing-whitespace)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:1:0: C0114: Missing module docstring (missing-module-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:20:4: W0622: Redefining built-in 'input' (redefined-builtin)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:4:0: C0116: Missing function or method docstring (missing-function-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:4:19: C0103: Argument name "W" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:4:22: C0103: Argument name "w" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:4:19: W0621: Redefining name 'W' from outer scope (line 21) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:4:22: W0621: Redefining name 'w' from outer scope (line 21) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:11:12: C0103: Variable name "p" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\1_maximum_amount_of_gold\knapsack.py:12:12: C0103: Variable name "c" doesn't conform to snake_case naming style (invalid-name)

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Your code has been rated at 3.33/10


C:\Users\student>py -m pylint ./Algorithmic-Toolbox/week6_dynamic_programming2/2_partitioning_souvenirs/partition3.py
************* Module partition3
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:28:0: C0305: Trailing newlines (trailing-newlines)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:1:0: C0114: Missing module docstring (missing-module-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:25:4: W0622: Redefining built-in 'input' (redefined-builtin)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:5:0: C0116: Missing function or method docstring (missing-function-docstring)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:5:15: C0103: Argument name "A" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:5:15: W0621: Redefining name 'A' from outer scope (line 26) (redefined-outer-name)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:6:4: C0103: Variable name "W" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:7:4: R1705: Unnecessary "else" after "return", remove the "else" and de-indent the code inside it (no-else-return)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:17:44: C0321: More than one statement on a single line (multiple-statements)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:18:39: C0321: More than one statement on a single line (multiple-statements)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:20:8: R1705: Unnecessary "else" after "return", remove the "else" and de-indent the code inside it (no-else-return)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:20:20: C0321: More than one statement on a single line (multiple-statements)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:3:0: W0611: Unused import itertools (unused-import)

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Your code has been rated at 4.58/10


C:\Users\student>
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(4)

https://github.com/rishabh1005/Algorithmic-Toolbox/blob/master/week5_dynamic_progr
amming1/4_longest_common_subsequence_of_two_sequences/lcs2.py

Tool Output:

(5)

https://github.com/rishabh1005/Algorithmic-Toolbox/blob/master/week5_dynamic_programming1/3_edit_distance/edit_distance.py

Tool Output:

```
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:20:8: R1705: Unnecessary "else" after "return", remove the "else" and de-indent the code inside it (no-else-return)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:20:20: C0321: More than one statement on a single line (multiple-statements)
Algorithmic-Toolbox\week6_dynamic_programming2\2_partitioning_souvenirs\partition3.py:3:0: W0611: Unused import itertools (unused-import)

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Your code has been rated at 4.58/10


C:\Users\student>py -m pylint ./Algorithmic-Toolbox/week5_dynamic_programming1/4_longest_common_subsequence_of_two_sequences/lcs2.py
************* Module lcs2
Algorithmic-Toolbox\week5_dynamic_programming1\4_longest_common_subsequence_of_two_sequences\lcs2.py:1:0: C0114: Missing module docstring (missing-module-docstring)
Algorithmic-Toolbox\week5_dynamic_programming1\4_longest_common_subsequence_of_two_sequences\lcs2.py:20:4: W0622: Redefining built-in 'input' (redefined-builtin)
Algorithmic-Toolbox\week5_dynamic_programming1\4_longest_common_subsequence_of_two_sequences\lcs2.py:5:0: C0116: Missing function or method docstring (missing-function-docstring)
Algorithmic-Toolbox\week5_dynamic_programming1\4_longest_common_subsequence_of_two_sequences\lcs2.py:5:9: C0103: Argument name "a" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week5_dynamic_programming1\4_longest_common_subsequence_of_two_sequences\lcs2.py:5:12: C0103: Argument name "b" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week5_dynamic_programming1\4_longest_common_subsequence_of_two_sequences\lcs2.py:5:9: W0621: Redefining name 'a' from outer scope (line 25) (redefined-outer-name)
Algorithmic-Toolbox\week5_dynamic_programming1\4_longest_common_subsequence_of_two_sequences\lcs2.py:5:12: W0621: Redefining name 'b' from outer scope (line 30) (redefined-outer-name)
Algorithmic-Toolbox\week5_dynamic_programming1\4_longest_common_subsequence_of_two_sequences\lcs2.py:7:4: C0103: Variable name "d" doesn't conform to snake_case naming style (invalid-name)

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Your code has been rated at 6.36/10


C:\Users\student>py -m pylint ./Algorithmic-Toolbox/week5_dynamic_programming1/3_edit_distance/edit_distance.py
************* Module edit_distance
Algorithmic-Toolbox\week5_dynamic_programming1\3_edit_distance\edit_distance.py:1:0: C0114: Missing module docstring (missing-module-docstring)
Algorithmic-Toolbox\week5_dynamic_programming1\3_edit_distance\edit_distance.py:2:0: C0116: Missing function or method docstring (missing-function-docstring)
Algorithmic-Toolbox\week5_dynamic_programming1\3_edit_distance\edit_distance.py:2:18: C0103: Argument name "s" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week5_dynamic_programming1\3_edit_distance\edit_distance.py:2:21: C0103: Argument name "t" doesn't conform to snake_case naming style (invalid-name)
Algorithmic-Toolbox\week5_dynamic_programming1\3_edit_distance\edit_distance.py:4:4: C0103: Variable name "d" doesn't conform to snake_case naming style (invalid-name)

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Your code has been rated at 6.88/10


C:\Users\student>
```

Understanding Errors:

   (1) C0303: Trailing whitespace (trailing-whitespace): Used when there is whitespace between the end of a line and the newline.

   (2) C0114/C0ll6: Missing module docstring/function docstring: This indicates that neither the modules nor the functions have a docstring defined. The docstring functions as a kind of comment or text explanation that the compiler ignores but which aids in explaining the function's or module's intended use to others. Writing docstrings is a wise move.

   (3) W0622: Redefining built-in 'input' (redefined-builtin): Used when a built-in is overridden by a variable or method.

   (4) C0103:The variable doesn't match the snake_case naming style. The defined variable is not named using the snake_case convention, as indicated by this error.

   (5) W0621: Redifining name from outerscope: This mistake indicates that a global variable with the same name as a local variable. By doing this, the global version of the variable is hidden and the local scope is changed to use the local version of the variable.

(6) C0305: Trailing newlines (trailing-newlines): This error tells that there are trailing blank lines in a file.

(7) R1705: Unnecessary "else" after "return", remove the "else" and de-indent the code inside it (no-else-return): This occurs when an else line is added following a "return" statement that is never actually executed.

(8) C0321: More than one statement on a single line: This error tells that there is an on statement are found on the same line.