



JUNIOR DEVELOPER CODING TEST (PYTHON)

Description	Create a CLI calculator that solve full math operations.
IMPORTANT	Don't use " exec ", " eval ", " compile " or any meta-programming for this test. Remember that the objective of this test is to showcase your coding skills.
Requirements	<ul style="list-style-type: none">• Operator hierarchy.• Support basic operators <code>+</code>, <code>-</code>, <code>*</code>, <code>/</code>.• Support float and integer numbers.• Use regex to extract numbers and operators.• Loop to for a new operations and exit loop once the user input "exit".• Display results after each operation.• User can add as many whitespace as as he/she wants.
Bonus (optional)	<ul style="list-style-type: none">• Math operation validation and provide feedback to user.• Parenthesis support.• Multiple level parenthesis.• Negative numbers on the equation.
Usage example	<pre>\$ python ./calculator.py => Welcome to our awesome calculator Please input your math operation: 1 + 5 * 4 - 6 / 2 The answer is 18 Please input your math operation: 1 .3 + 2 - 4 The answer is -0.7 Please input your math operation: exit Thank you for using our awesome calculator</pre>
Keep in mind	<ul style="list-style-type: none">• Prioritize full working features over partial or non-working features.• Prioritize requirements over bonus (optional) requirements.• Have fun!, don't worry if you don't finish, just make sure to deliver what you accomplished for us to review.