

The Task

Your task is to create a calculator that takes two numbers and either:

Adds them

Subtracts the first number from the second

Multiplies them

Divides the first numbers by the second

It will then need to tell the user if the result is odd or even. This needs to be performed using a function that you will write. Remember to make use of the modulo operator (%).

The program needs to keep performing this action until the user types the word "exit". Remember that this is performed using a while loop.

Reference Material (Things to read to help you)

The links below are to a tutorial for python that cover the elements that we discussed some of which you will need, some of which aren't so important to this task:

Read this once before starting to code as it covers how python handles text indentation.

https://www.w3schools.com/python/python_syntax.asp

This covers comments, you will need to use these to document what is happening in your code, as well as record your name in the code

https://www.w3schools.com/python/python_comments.asp

Variables:

https://www.w3schools.com/python/python_variables.asp

Data types:

https://www.w3schools.com/python/python_datatypes.asp

Numbers types:

https://www.w3schools.com/python/python_numbers.asp

Strings

https://www.w3schools.com/python/python_strings.asp

Boolean (True/False)

https://www.w3schools.com/python/python_booleans.asp

Operators

https://www.w3schools.com/python/python_operators.asp

Conditional Statements

https://www.w3schools.com/python/python_conditions.asp

While Loops

https://www.w3schools.com/python/python_while_loops.asp

For Loops

https://www.w3schools.com/python/python_for_loops.asp

Functions

https://www.w3schools.com/python/python_functions.asp

User input (input())

https://www.w3schools.com/python/python_user_input.asp

Final bits:

<https://www.online-python.com/> <-- Use this website to write your code