Problem 1

Complete the function below, which takes arguments a and b and you can assume they will be integer numbers. The function should test whether a is evenly divisable by b. If it is evenly divisable, it should return a string that reads

```
"a is evenly divisible by b!"
```

Please note that a and b should be replaced with their actual values given in the function call. In the event that a is not evenly divisable by b, the function should store a return

```
"a is not evenly divisible by b. The remainder is c."
```

where c is the remainder. Again, a, b, and c should be replaced by thier actual values in the function call. For example, calling the function with

```
is_evenly_divisible(4, 2)
should return

"4 is evenly divisible by 2!"
and calling the function with
is_evenly_divisible(5, 3)
should return
```

"5 is not evenly divisible by 3. The remainder is 2."

Problem 2

Complete the function below. Assume the arguments a and b are integer or floating point numbers. The argument operation is a string that has one of the following values exactly: 'add', 'subtract', 'multiply', 'divide'.

Given one of those values for operation, design a series of tests that will return the cooresponding mathematical operation for the numbers defined in a and b. So if operation = 'add then you should return the sum of a and b. Likewise for the other operations. In the event that the user inputs in invalid value for operation, have the function return the string:

```
'Operation must be one of: ["add", "subtract", "multiply", "divide"]'
```

This string has been placed in a comment below for your assistance. The following examples should clarify the desired implementation of the function. If the function is called with

```
math_operation(4, 2, 'add')
will return 6.

math_operation(4, 2, 'multiply')
will return 8.

math_operation(4, 2, 'divide')
will return 2.

math_operation(4, 2, 'plus')
will return 'Operation must be one of: ["add", "subtract", "multiply", "divide"]'.
```

```
[ ]: x = math_operation(4, 2, "add")
[ ]: print(x)
```

Operation must be one of: ['add', 'substract', 'multiply', 'divide']