Assignment 01

For the following list of integers, write a Python script that calculates the average of the integers that are divisible by 3:

$$1, 6, 10, 15, 99, 45, 56, 32, 150, 151, 672, 558, 789, 335, 23, 65, 47, 33$$

Submission details

What to submit: A single .zip file of your code. This is because email clients in general do not accept .py files. Once you finish writing your code in a .py file, compress it to a zip file.
How to start: Your implementation should be in a function called `avg_three`, which takes one argument (the list of integers) and outputs a `float` (i.e. your answer), so your first line after the imports should be

```
def avg_three(input: list[int]) -> float:
```

So if one were to run your function it would return the answer:

```
inp: list[int] = [3, 8, 15]
output = avg_three(inp) # output is 9
```

In the example the input is

$$3, 8, 15$$

The numbers divisible by 3 are 3 and 15. The average of 3 and 15 is 9.
Where to submit:

1. Email: *assignment_01@qulearnlabs.com*
2. Edyoucated: There is an input box where you should submit the result of you script on the input list provided

Submission email: Please follow the submission email guidelines to ensure your work is graded properly:

1. Email subject: "FULL_NAME:ASSIGNMENT_01_SUBMISSION_NUMBER" without the quotes. For example, JOHN_SMITH:ASSIGNMENT_01_1.
2. Send the email with the email ID you used to register for the course.
3. Don't forget to attach the .zip file with your code.

For resubmission, please send another email with the submission number incremented, for example the second submission for John Smith would have the subject JOHN_SMITH:ASSIGNMENT_01_2. Your latest submission is graded.