**FINANCIAL STATEMENT ANALYSIS**

**Problem:**

From Auditing department please help us assess the

financial statement of Hj Construction and Logistic Service.

You have been supplied with two vectors of data: monthly revenue and monthly

expenses for the year of 2021. Your task is to calculate the following

financial metrics:

* profit for each month
* profit after tax for each month (the tax rate is 30%)
* profit margin for each month - equals to profit a after tax divided by revenue
* good months - where the profit after tax was greater than the mean for the year
* bad months - where the profit after tax was less than the mean for the year
* the best month - where the profit after tax was max for the year
* the worst month - where the profit after tax was min for the year.

**All results need to be presented as vectors.**

Results for dollar values need to be calculated with $0.01 precision, but need to be

presented in Units of $1,000 (i.e. 1k) with no decimal points.

Results for the profit margin ratio need to be presented in units of % with no

decimal points.

**Note:** You colleague has warned you that it is okay for tax for any given month to be

negative (in accounting terms, negative tax translates into a deferred tax asset).