**Component: Task Manager**

**Module Name: Tax Calculator**

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| Inputs | Process | Outputs |
| --- | --- | --- |
| Total Wages | Calculate the total tax due based on wages and tax percentage of respective tax year | Taxed Income |
| Tax Year |  |
|  |  |

**Inputs:**

Total Wage – Total money earned in a year.

Tax year – year the tax is being calculated from.

**Process Description**

This process calculates the tax due depending on the total wages of the user and the tax year. By taking the total wage of the user and the respective tax year, it returns the user’s tax due.

**Outputs**

The output of this process is the amount of tax due.

**APIs/Objects:**

0 APIs/Objects used

**Pseudocode:**

Inputs: Service code, parameter list

Output: Return code, Data returned from service module

Parse wages from 1st argument into year

Parse 2nd argument into status

parse 3rd argument into income

If value of year gives an “Error”

Display error message “903” with default language

Run service.jar with language, 903

Prints Error message

Else

append year to status

run the process and execute service.jar, wait for the process to complete

wait for inputStream1 until received

Print out inputStream1

wait for inputStream2 until received

print out inputStream2

Create new method for taxCalculator

convert respective variables to doubles

return taxedIncome by multiplying tax and income.