

# IPO Charts

**Component:** Task Manager

**Module Name:** Tax Calculator(.txt)

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Inputs	Process	Outputs
Total Wages	Calculate tax due based total wages and tax percentage of that tax year.	Tax Due
Tax Year		

## Inputs:

Total Wages- Total amount of money earned by user during a year.

Tax Year -Year the user wants to calculate their tax from.

## Process Description

So, it calculates tax due based on total wages and tax percentage of that tax year.

## Outputs

Tax Due- amount which is owned by the user

## APIs/Objects:

## **Pseudocode:**

### **Tax Calculator :**

**Input:** Service code, parameter list for service Tax,50000,2021S

**Output:** Return code, Data returned from service module

Parse wages from 1st argument into amount

Parse rest of argument into lookup

Parse 2<sup>nd</sup> argument into lan

Using text broker lookup for the year using in tax.txt

define Boolean flag = "false"

integer double tax = "0"

String tax = "Null"

Define scanner sc = "Null"

If value of year gives an "Error"

    Display error message "903" with default language

    Running message.jar with language, 903

    Prints Error message

Else

Define scanner variable = scanner the year file

While Flag is equal to "false" or until the end of the file

Parse 1st element into parts

    If amount is less than or equal to slab

        Flag = "true"

    If flag is "true"

        parse rest of the argument into rate

        SET tax = amount\*rate;

        Convert tax into string taxS

        Print out taxS