

# IPO Chart

**Component: Business Services/Task**

**Module Name: Tax**

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Inputs	Process	Outputs
Tax year	1. select tax year	taxes to be paid
Tax status	2. provide gross income	
gross income	3. utilize tax bracket to find taxes to be paid	
	4. display the taxes to be paid	

## Inputs:

- Tax year
- Tax status
- gross income

## Process Description

1. The user will select the tax year (2020,2021) and provide the gross income.
2. The gross income will be determined by each bracket you are a part of
3. The amount will include the max taxable amount for bracket you are fully in and a percentage of the income in the one you spill into

## Outputs

- taxes to be paid

## APIs/Objects:

- tax brackets for 2020
- tax brackets for 2021

## Pseudocode:

Parse through the command line to collect the input string

Divide the input string into 3; year, filing status, gross income

Conjugate the designated inputs to be used in a SB process to find "l", the tax percentage

Calculate the taxes to be paid by multiplying the user gross income \* "l"

Return the taxes to be paid