# Variables & Summaries

This document template shows how you can calculate elements in table rows, summaries and use variables in your template

## Variables

Sometimes you want to calculate some value based on data input and reuse it across the document.

Cost of labor: {labor} USD  
 Cost of parts: {parts} USD

Total Cost: {$ total = labor + parts } USD  
Total Cost + Tax: {$ total \* 1.22 } USD (Including 22% Tax)

Note: The above variables can be used in calculations and conditions throughout the document. Example:

{#$ total > 1000 }Warning! Your total net cost exceeds 1000 USD{/}

## Hidden Variables

You can combine variables with a hide formatter. To create hidden calculated fields that you can use across your template.

Cost of labor: {labor} USD  
Cost of parts: {parts} USD

{$ totalCost = (labor+parts) \* 1.22 | hide}  
Total Cost: {$ totalCost } USD  
Total Cost + Tax: {$ totalCost \* 1.22 } USD (Including 22% Tax)

Note: The above variables can be used in calculations and conditions throughout the document. Example:

{#$ total > 1000 }Warning! Your total net cost exceeds 1000 USD{/}

## Table with Dynamic Column

Below is an example of a table that summarizes items billed, including calculations for total amounts using Smart Fields.

|  |  |  |  |
| --- | --- | --- | --- |
| **Description** | **Quantity** | **Unit Price** | **Total** |
| {#items}{description} | {quantity} | {unitPrice} | {$ quantity \* unitPrice | format}{/items} |

## Table summary

This section provides a summary of the total amounts calculated for the items billed.

**Subtotal:** {$ subtotal = items | sum: "quantity\*unitPrice"}

**Tax (22%):** {$ tax = subtotal \* 0.22}

**Total Due:**{$ subtotal + tax | format}