

Regions (Tables with Footer and Calculations)

Alex Pearce - 2024-03-18 - Comments (0) - Lasetnet Form Editor 9 - Designing Forms

Lasetnet

With the **Regions** function, you can organize data (patterns) in a Conditional Area as well as you can add one or more regions to the same Conditional Area. You can also set individual rearranges defining the header and the footer of a region as labels, shapes and calculations.

In this exercise, it is proposed to extend the table with a footer and a calculation for each region.

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 2

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280

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by Formpipe

invoice
Meeting Our Customers Expectations

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Calls: 01/01/2018 - 31/01/2018 Activity: 01/01/2018 - 29/02/2018 Invoice date: 31/02/2018 Invoice number: 1840090

Charges in Advance for Line Rentals

| Description | Dates Charged | Qty | Cost (Excl. VAT) | Cost (Incl. VAT) |
|------------------------------|-------------------|-------------|------------------|------------------|
| 62047438 Standard Phone line | 22/01/18 31/01/18 | 3,00 | 18,87 | 22,83 |
| 62047438 Standard Phone line | 01/02/18 29/02/18 | 3,00 | 62,88 | 76,08 |
| | | 6,00 | 81,75 | 98,91 |

Charges for calls and call packs

| Description | Dates Charged | Qty | Cost (Excl. VAT) | Cost (Incl. VAT) |
|----------------------|-------------------|---------------|------------------|------------------|
| Formpipe Tek Anytime | 22/01/18 31/01/18 | 1,00 | 2,75 | 3,33 |
| Formpipe Tek Anytime | 01/02/18 29/02/18 | 1,00 | 8,26 | 9,99 |
| Mobile Anytime 120 | 14/01/18 31/01/18 | 2,00 | 19,80 | 23,96 |
| Mobile Anytime 120 | 22/01/18 31/01/18 | 1,00 | 5,50 | 6,66 |
| Mobile Anytime 120 | 01/02/18 29/02/18 | 3,00 | 49,56 | 59,97 |
| All Denmark | | 66,00 | 0,18 | 0,22 |
| International Mobile | | 78,00 | 9,06 | 10,96 |
| DK | | 3,00 | 0,49 | 0,59 |
| DK - Mobile | | 3,00 | 0,18 | 0,22 |
| Teleservices | | 40,00 | 8,16 | 9,87 |
| | | 198,00 | 103,94 | 125,77 |

Charges for additional options

| Description | Dates Charged | Qty | Cost (Excl. VAT) | Cost (Incl. VAT) |
|----------------------|-------------------|-------------|------------------|------------------|
| Charge for paperbill | 01/01/18 31/01/18 | 1,00 | 1,03 | 1,25 |
| | | 1,00 | 1,03 | 1,25 |

Top 5 International Destinations

| Number Dialed | Calls | Duration | Cost (Excl. VAT) | Cost (Incl. VAT) |
|---------------|-------|--------------|------------------|------------------|
| 094018146 | 2 | 1,00 | 0,12 | 0,15 |
| 094761004 | 1 | 1,00 | 0,06 | 0,07 |
| 012017337 | 1 | 1,00 | 0,00 | 0,00 |
| 012042848 | 4 | 11,00 | 0,00 | 0,00 |
| 012116631 | 1 | 1,00 | 0,00 | 0,00 |
| | | 15,00 | 0,18 | 0,22 |

Mobile pack usage detail

| Month | Allowance (mins) | Minutes Used |
|---------------|------------------|--------------|
| January, 2018 | 120,00 | 120,00 |

Home pack usage detail

| Month | Allowance (mins) | Minutes Used |
|---------------|------------------|--------------|
| January, 2018 | Unlimited | 81 |

Other calls

| Band | Calls | Duration | Cost (excl. VAT) | Cost (incl. VAT) |
|----------------------|---------------|---------------|------------------|------------------|
| All Denmark | 66,00 | 82,00 | 0,18 | 0,22 |
| International Mobile | 78,00 | 166,00 | 9,06 | 10,96 |
| DK | 3,00 | 11,00 | 0,49 | 0,59 |
| DK - Mobile | 3,00 | 0,00 | 0,18 | 0,22 |
| Teleservices | 40,00 | 63,00 | 8,16 | 9,87 |
| | 190,00 | 322,00 | 18,07 | 21,86 |

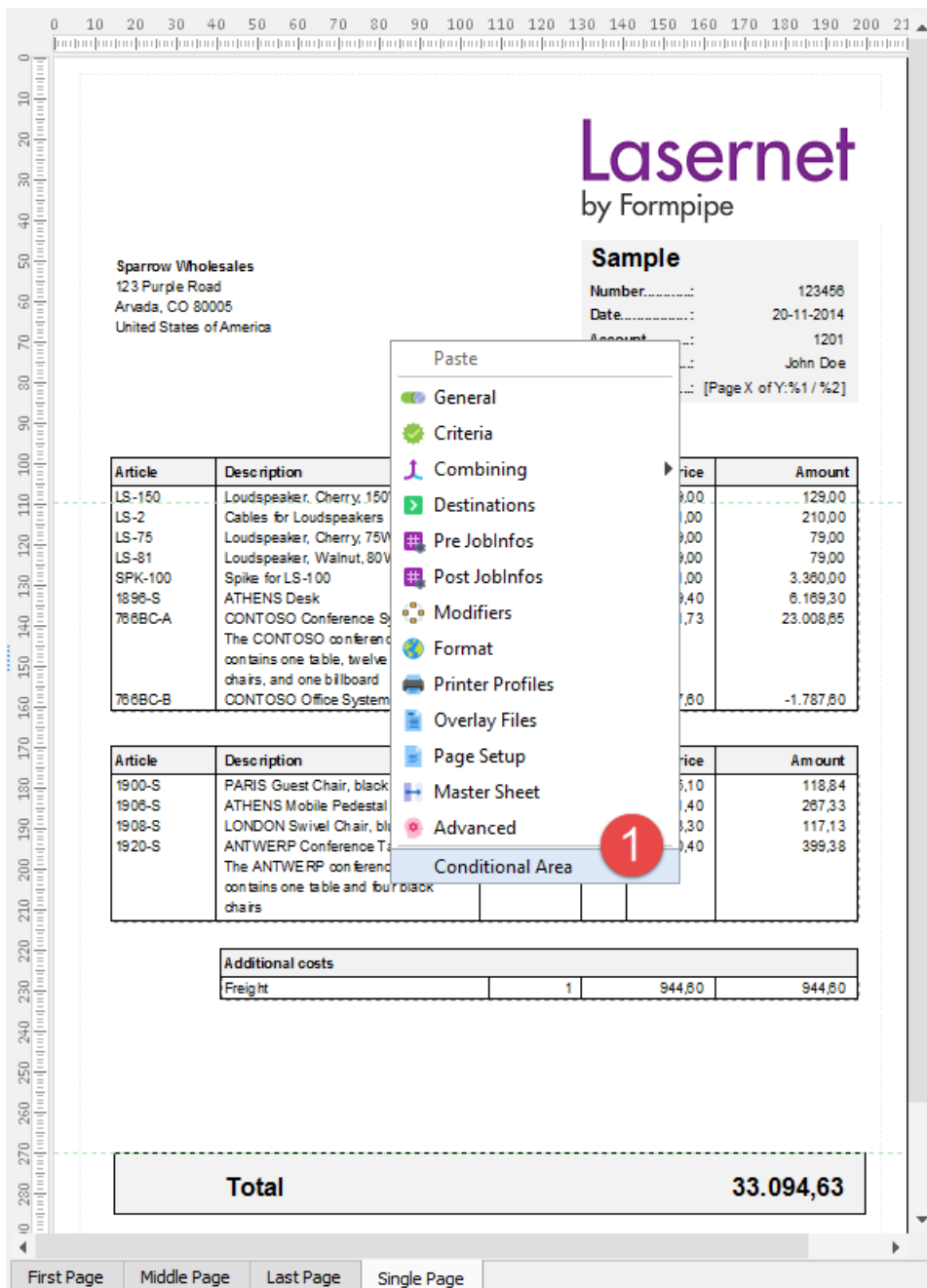
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Exercise

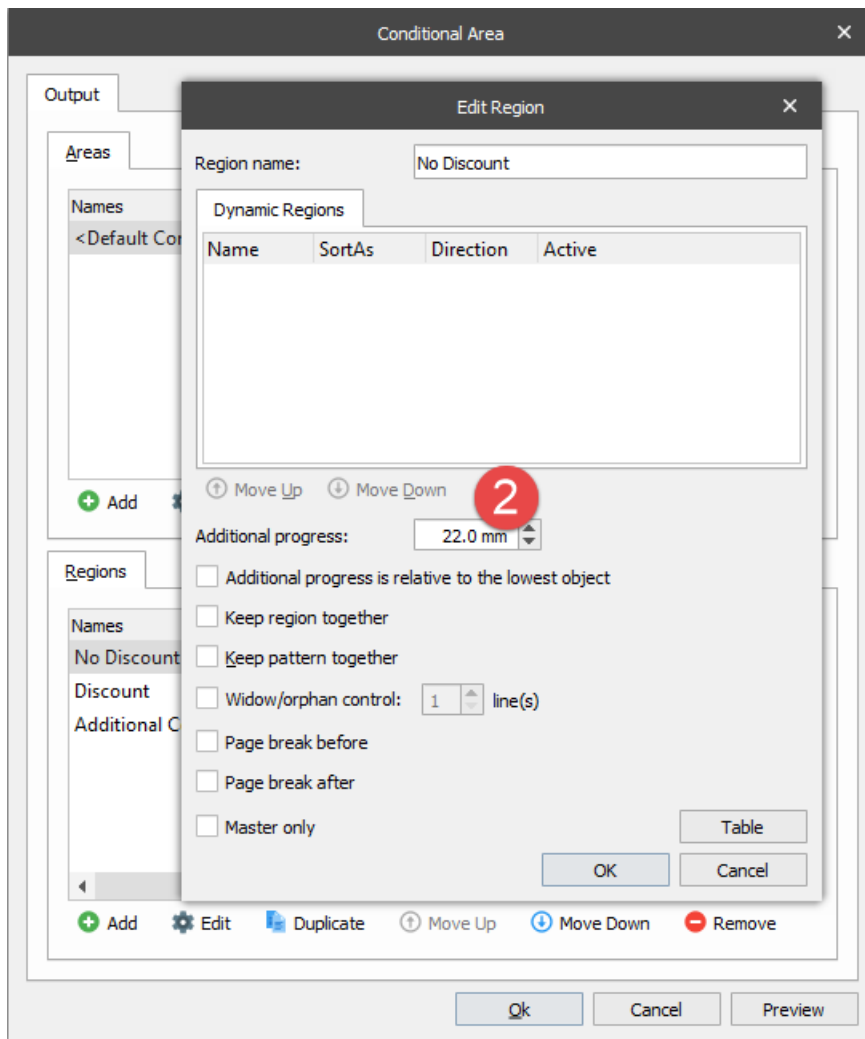
Download and import the attached configuration called **26. Regions (Tables with footer)** in **Lasernet Developer 9**. Afterwards, go to the **Forms** section and open the **Sample** form.

Before adding footers to tables, it is proposed to extend an additional progress between regions.

1. Open the **Conditional Area** dialog by right-clicking in in the form and selecting **Conditional Area** in the context menu that appears.



2. In the **Conditional Area** dialog, first select the **No Discount** region, and then click the **Edit** button. As a result, the **Edit Region** dialog opens. Set **Additional progress** to **22 mm**, and click **Ok** to confirm changes. Afterwards, apply the same action for **Discount** region.



3. Edit the table properties for the **No Discount** region which is the top table in the output.

Lasernet
by Formpipe

Sparrow Wholesales
123 Purple Road
Arvada, CO 80005
United States of America

Sample
Number.....: 123456
Date.....: 20-11-2014
Account.....: 1201
Reference.....: John Doe
Page.....: [Page X of Y:%1 / %2]

| Article | Description | Quantity | Price | Amount |
|--------------|--|----------|-------|-------------------------|
| LS-150 | Loudspeaker, Cherry, 150W. | | | 129,00 |
| LS-2 | Cables for Loudspeakers | | | 210,00 |
| LS-75 | Loudspeaker, Cherry, 75W | | | 79,00 |
| LS-81 | Loudspeaker, Walnut, 80W | | | 79,00 |
| SPK-100 | Spike for LS-100 | | | 3.380,00 |
| 1898-S | ATHENS Desk | | | 6.189,30 |
| 768BC-A | CONTOSO Conference System The CONTOSO conference package contains one table, twelve black chairs, and one billboard | | | 23.008,65 |
| 768BC-B | CONTOSO Office System | | | -1.787,60 |
| | | | | Amount |
| 1900-S | PARIS Guest Chair, black | | | 118,84 |
| 1906-S | ATHENS Mobile Pedestal | | | 267,33 |
| 1908-S | LONDON Swivel Chair, blue | | | 117,13 |
| 1920-S | ANTWERP Conference Table The ANTWERP conference package contains one table and four black chairs | | | 399,38 |
| | | | | Additional costs |
| Freight | | | | 944,80 |
| Total | | | | 33.094,63 |

Table Properties (3)

- Paste
- General
- Criteria
- Combining
- Destinations
- Pre JobInfos
- Post JobInfos
- Modifiers
- Format
- Printer Profiles
- Overlay Files
- Page Setup
- Master Sheet
- Advanced
- Conditional Area
- Delete Table
- Lock

22 mm

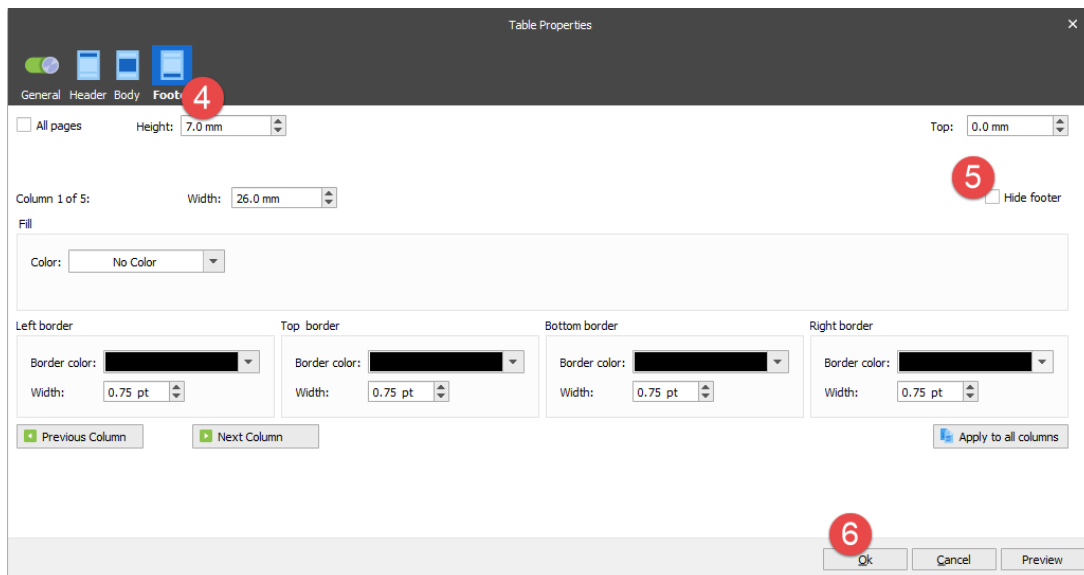
22 mm

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4. Switch to the **Footer** tab and set **Height** to **7 mm**.

5. Clear the **Hide footer** check box.

6. Click **Ok** to confirm changes.



A footer is added to the table.

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Sparrow Wholesales
123 Purple Road
Arvada, CO 80005
United States of America

Sample
Number.....: 123456
Date.....: 20-11-2014
Account.....: 1201
Reference.....: John Doe
Page.....: [Page X of Y:%1 / %2]

| Article | Description | Quantity | Price | Amount |
|---------|--|----------|-----------|-----------|
| LS-150 | Loudspeaker, Cherry, 150W | 1 | 129,00 | 129,00 |
| LS-2 | Cables for Loudspeakers | 10 | 21,00 | 210,00 |
| LS-75 | Loudspeaker, Cherry, 75W | 1 | 79,00 | 79,00 |
| LS-81 | Loudspeaker, Walnut, 80W | 1 | 79,00 | 79,00 |
| SPK-100 | Spike for LS-100 | 180 | 21,00 | 3.380,00 |
| 1896-S | ATHENS Desk | 10 | 649,40 | 6.189,30 |
| 786BC-A | CONTOSO Conference System The CONTOSO conference package contains one table, twelve black chairs, and one billboard | 5 | 4.601,73 | 23.008,65 |
| 786BC-B | CONTOSO Office System | -1 | -1.787,80 | -1.787,80 |

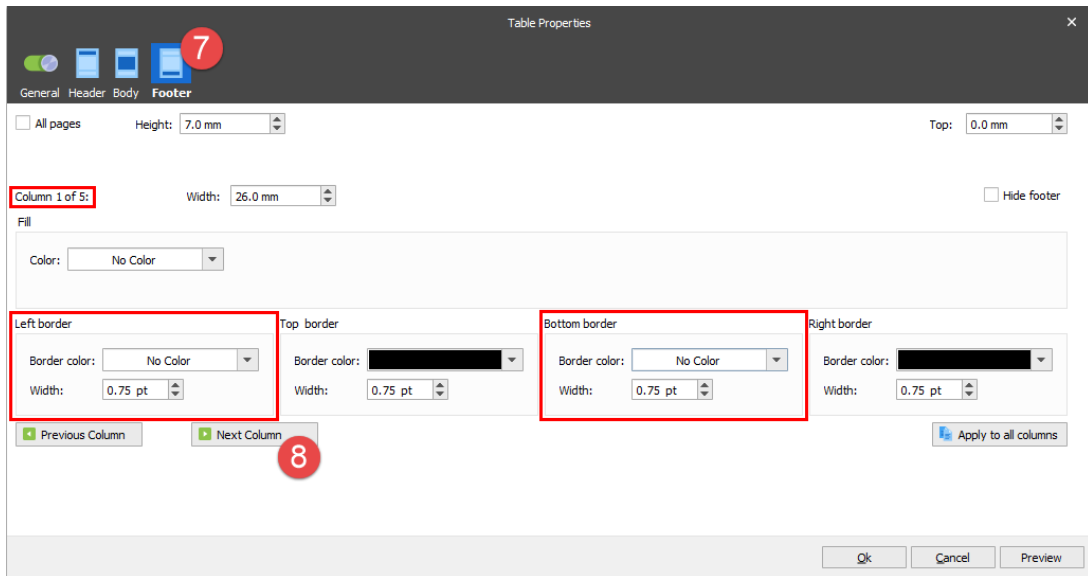
| Article | Description | Quantity | Disc. | Price | Amount |
|---------|---|----------|-------|--------|--------|
| 1900-S | PARIS Guest Chair, black | 1 | 5% | 125,10 | 118,84 |
| 1906-S | ATHENS Mobile Pedestal | 1 | 5% | 281,40 | 267,33 |
| 1908-S | LONDON Swivel Chair, blue | 1 | 5% | 123,30 | 117,13 |
| 1920-S | ANTWERP Conference Table The ANTWERP conference package contains one table and four black chairs | 1 | 5% | 420,40 | 399,38 |

| Additional costs | | | |
|------------------|---|--------|--------|
| Freight | 1 | 944,80 | 944,80 |

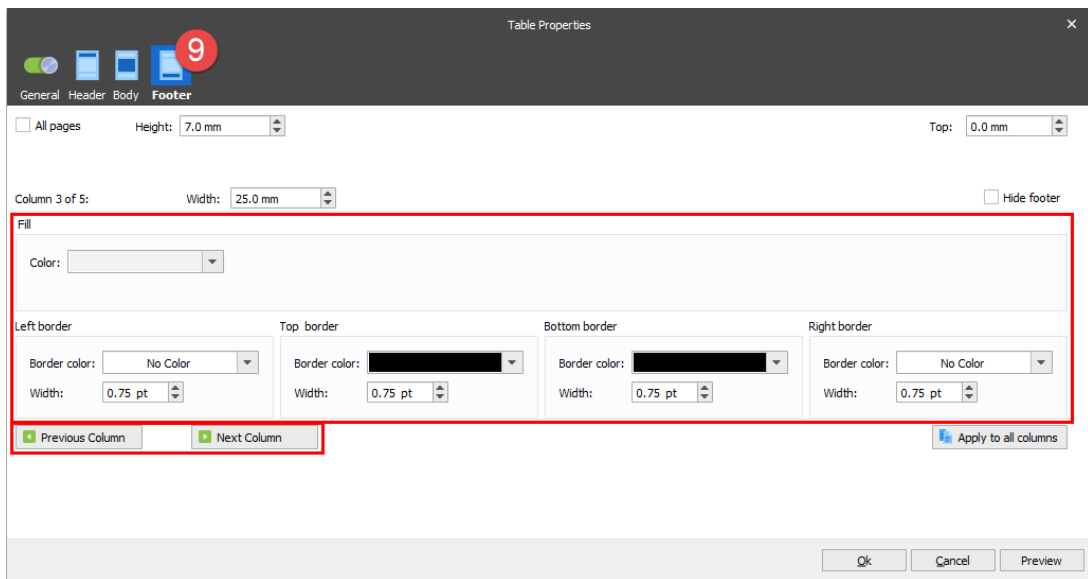
| | |
|--------------|------------------|
| Total | 33.094,63 |
|--------------|------------------|

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7. Re-open the table properties for the **No Discount** region and switch to the **Footer** tab to change the table border settings.
8. Set **No Color** for **Left Border** and **Bottom Border** for column 1. Once you are done, click the **Next Column** button.



9. For column 2,3,4 and 5, specify grey as a filling color. Set **No Color** for **Right Border** for the second and third columns, as well as **No Color** for **Left Border** for the third and fourth columns. To toggle between column settings, use the **Previous Column** or the **Next Column** button. Once you are done, click **Ok** to confirm changes.



A new formatting is added to the footer of the the **No Discount** table.

Lasernet
by Formpipe

Sparrow Wholesales
123 Purple Road
Arvada, CO 80005
United States of America

Sample
Number.....: 123456
Date.....: 20-11-2014
Account.....: 1201
Reference.....: John Doe
Page.....: [Page X of Y:%1 / %2]

| Article | Description | Quantity | Price | Amount |
|---------|--|----------|-----------|-----------|
| LS-150 | Loudspeaker, Cherry, 150W | 1 | 129,00 | 129,00 |
| LS-2 | Cables for Loudspeakers | 10 | 21,00 | 210,00 |
| LS-75 | Loudspeaker, Cherry, 75W | 1 | 79,00 | 79,00 |
| LS-81 | Loudspeaker, Walnut, 80W | 1 | 79,00 | 79,00 |
| SPK-100 | Spike for LS-100 | 180 | 21,00 | 3.380,00 |
| 1896-S | ATHENS Desk | 10 | 649,40 | 6.189,30 |
| 786BC-A | CONTOSO Conference System The CONTOSO conference package contains one table, twelve black chairs, and one billboard | 5 | 4.601,73 | 23.008,65 |
| 786BC-B | CONTOSO Office System | -1 | -1.787,80 | -1.787,80 |

| Article | Description | Quantity | Disc. | Price | Amount |
|---------|---|----------|-------|--------|--------|
| 1900-S | PARIS Guest Chair, black | 1 | 5% | 125,10 | 118,84 |
| 1906-S | ATHENS Mobile Pedestal | 1 | 5% | 281,40 | 267,33 |
| 1908-S | LONDON Swivel Chair, blue | 1 | 5% | 123,30 | 117,13 |
| 1920-S | ANTWERP Conference Table The ANTWERP conference package contains one table and four black chairs | 1 | 5% | 420,40 | 399,38 |

| Additional costs | | | |
|------------------|---|--------|--------|
| Freight | 1 | 944,80 | 944,80 |

| | |
|--------------|------------------|
| Total | 33.094,63 |
|--------------|------------------|

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10. The next step is to add and format a footer of the **Discount** region table. Follow the same steps listed above.

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by Formpipe

Sparrow Wholesales
123 Purple Road
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Sample
Number.....: 123456
Date.....: 20-11-2014
Account.....: 1201
Reference.....: John Doe
Page.....: [Page X of Y:%1 / %2]

| Article | Description | Quantity | Price | Amount |
|---------|--|----------|-----------|-----------|
| LS-150 | Loudspeaker, Cherry, 150W | 1 | 129,00 | 129,00 |
| LS-2 | Cables for Loudspeakers | 10 | 21,00 | 210,00 |
| LS-75 | Loudspeaker, Cherry, 75W | 1 | 79,00 | 79,00 |
| LS-81 | Loudspeaker, Walnut, 80W | 1 | 79,00 | 79,00 |
| SPK-100 | Spike for LS-100 | 180 | 21,00 | 3.380,00 |
| 1896-S | ATHENS Desk | 10 | 649,40 | 6.189,30 |
| 786BC-A | CONTOSO Conference System The CONTOSO conference package contains one table, twelve black chairs, and one billboard | 5 | 4.601,73 | 23.008,65 |
| 786BC-B | CONTOSO Office System | -1 | -1.787,80 | -1.787,80 |

| Article | Description | Quantity | Disc. | Price | Amount |
|---------|---|----------|-------|--------|--------|
| 1900-S | PARIS Guest Chair, black | 1 | 5% | 125,10 | 118,84 |
| 1906-S | ATHENS Mobile Pedestal | 1 | 5% | 281,40 | 267,33 |
| 1908-S | LONDON Swivel Chair, blue | 1 | 5% | 123,30 | 117,13 |
| 1920-S | ANTWERP Conference Table The ANTWERP conference package contains one table and four black chairs | 1 | 5% | 420,40 | 399,38 |

| Additional costs | | | |
|------------------|---|--------|--------|
| Freight | 1 | 944,80 | 944,80 |

Total **33.094,63**

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11. Add a footer to the **Additional costs** region table. Remember that this region contains only four columns.

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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Sparrow Wholesales
 123 Purple Road
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 United States of America

Sample

Number.....: 123456
 Date.....: 20-11-2014
 Account.....: 1201
 Reference.....: John Doe
 Page.....: [Page X of Y:%1 / %2]

| Article | Description | Quantity | Price | Amount |
|---------|--|----------|-----------|-----------|
| LS-150 | Loudspeaker, Cherry, 150W | 1 | 129,00 | 129,00 |
| LS-2 | Cables for Loudspeakers | 10 | 21,00 | 210,00 |
| LS-75 | Loudspeaker, Cherry, 75W | 1 | 79,00 | 79,00 |
| LS-81 | Loudspeaker, Walnut, 80W | 1 | 79,00 | 79,00 |
| SPK-100 | Spike for LS-100 | 180 | 21,00 | 3.380,00 |
| 1898-S | ATHENS Desk | 10 | 649,40 | 6.494,00 |
| 786BC-A | CONTOSO Conference System The CONTOSO conference package contains one table, twelve black chairs, and one billboard | 5 | 4.601,73 | 23.008,65 |
| 786BC-B | CONTOSO Office System | -1 | -1.787,80 | -1.787,80 |

| Article | Description | Quantity | Disc. | Price | Amount |
|---------|---|----------|-------|--------|--------|
| 1900-S | PARIS Guest Chair, black | 1 | 5% | 125,10 | 118,84 |
| 1906-S | ATHENS Mobile Pedestal | 1 | 5% | 281,40 | 267,33 |
| 1908-S | LONDON Swivel Chair, blue | 1 | 5% | 123,30 | 117,13 |
| 1920-S | ANTWERP Conference Table The ANTWERP conference package contains one table and four black chairs | 1 | 5% | 420,40 | 399,38 |

| Additional costs | | | | |
|------------------|--|---|--------|--------|
| Freight | | 1 | 944,80 | 944,80 |

Total **33.094,63**

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All the regions now have footers. Let us now add a calculation to each footer.

12. For each region table, select rearranges of the **Amount** column.

13. On the Developer toolbar, click **Calculation**, and then click **Sum Region**.

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210

Lasernet

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United States of America

Sample

Number.....: 123456
Date.....: 20-11-2014
Account.....: 1201
Reference.....: John Doe
Page.....: 1 / 1

| Article | Description | Quantity | Price | Amount |
|---------|--|----------|-----------|------------------|
| LS-150 | Loudspeaker, Cherry, 150W | 1 | 129,00 | 129,00 |
| LS-2 | Cables for Loudspeakers | 10 | 21,00 | 210,00 |
| LS-75 | Loudspeaker, Cherry, 75W | 1 | 79,00 | 79,00 |
| LS-81 | Loudspeaker, Walnut, 80W | 1 | 79,00 | 79,00 |
| SPK-100 | Spike for LS-100 | 180 | 21,00 | 3.380,00 |
| 1896-S | ATHENS Desk | 10 | 649,40 | 6.169,30 |
| 786BC-A | CONTOSO Conference System The CONTOSO conference package contains one table, twelve black chairs, and one billboard | 5 | 4.601,73 | 23.008,65 |
| 786BC-B | CONTOSO Office System | -1 | -1.787,80 | -1.787,80 |
| | | | | 31.247,35 |

| Article | Description | Quantity | Disc. | Price | Amount |
|---------|---|----------|-------|--------|---------------|
| 1900-S | PARIS Guest Chair, black | 1 | 5% | 125,10 | 118,84 |
| 1906-S | ATHENS Mobile Pedestal | 1 | 5% | 281,40 | 267,33 |
| 1908-S | LONDON Swivel Chair, blue | 1 | 5% | 123,30 | 117,13 |
| 1920-S | ANTWERP Conference Table The ANTWERP conference package contains one table and four black chairs | 1 | 5% | 420,40 | 399,38 |
| | | | | | 902,68 |

| Additional costs | | | |
|------------------|---|--------|---------------|
| Freight | 1 | 944,80 | 944,80 |
| | | | 944,80 |

Total **33.094,63**

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

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15. Use the **Text** tool to insert a label at the bottom of every region (footer) as it is illustrated on the picture below.

16. Select the text labels and calculations in the footer of each region and specify the **Font** style as **Bold**.

Lasernet
by Formpipe

Sparrow Wholesales
123 Purple Road
Ariada, CO 80005
United States of America

Sample
Number.....: 123456
Date.....: 20-11-2014
Account.....: 1201
Reference.....: John Doe
Page.....: 1 / 1

| Article | Description | Quantity | Price | Amount |
|-----------------|--|----------|-----------|------------------|
| LS-150 | Loudspeaker, Cherry, 150W | 1 | 129,00 | 129,00 |
| LS-2 | Cables for Loudspeakers | 10 | 21,00 | 210,00 |
| LS-75 | Loudspeaker, Cherry, 75W | 1 | 79,00 | 79,00 |
| LS-81 | Loudspeaker, Walnut, 80W | 1 | 79,00 | 79,00 |
| SPK-100 | Spike for LS-100 | 160 | 21,00 | 3.360,00 |
| 1896-S | ATHENS Desk | 10 | 649,40 | 6.494,00 |
| 786BC-A | CONTOSO Conference System The CONTOSO conference package contains one table, twelve black chairs, and one billboard | 5 | 4.601,73 | 23.008,65 |
| 786BC-B | CONTOSO Office System | -1 | -1.787,60 | -1.787,60 |
| Subtotal | | | | 31.247,35 |

| Article | Description | Quantity | Disc. | Price | Amount |
|--------------------------------|---|----------|-------|--------|---------------|
| 1900-S | PARIS Guest Chair, black | 1 | 5% | 125,10 | 118,84 |
| 1906-S | ATHENS Mobile Pedestal | 1 | 5% | 281,40 | 267,33 |
| 1908-S | LONDON Swivel Chair, blue | 1 | 5% | 123,30 | 117,13 |
| 1920-S | ANTWERP Conference Table The ANTWERP conference package contains one table and four black chairs | 1 | 5% | 420,40 | 399,38 |
| Subtotal incl. discount | | | | | 902,68 |

| Additional costs | | | |
|-----------------------------------|---|--------|---------------|
| Freight | 1 | 944,60 | 944,60 |
| Total for additional costs | | | 944,60 |

| | |
|--------------|------------------|
| Total | 33.094,63 |
|--------------|------------------|

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Attachments

- [26.-Regions-Tables-with-Footer-and-Calculations.Inconfigx \(531.52 KB\)](#)