# Progress Technical Challenge – Technical Support Engineer

## Task 1

Investigate the behavior the client is experiencing with [Telerik Reporting](https://www.telerik.com/products/reporting.aspx). Provide a reply with a solution as the Technical Support Engineer assigned to the case.

“I am trying to display a TextBox item containing a comma-separated list of purchased product names coming from each row of the report’s data source inside a TextBox item. It is important that I need the list to include only the products having ProductName shorter than 7 letters. It would be nice if the output does not contain duplicates.

For example, from the list of products:

**ProductName**

**Blade**

**Chain**

**Chainring**

**Decal**

**Decal**

**Down Tube**

**Fork End**

**Freewheel**

**Head Tube**

**Hex Nut**

**HL Fork**

**HL Hub**

**HL Nipple**

**HL Shell**

**LL Fork**

**LL Hub**

**LL Nipple**

**LL Shell**

**Lock Ring**

**Minipump**

**ML Fork**

**Reflector**

**Seat Lug**

**Seat Post**

**Seat Tube**

**Spokes**

**Steerer**

**Stem**

**Top Tube**

I expect the output

**Blade, Chain, Decal, HL Hub, LL Hub, Spokes, Stem**

I tried using the expression = Join(',', AllDistinctValues(Fields.ProductName)) in the TextBox item but then I get all the values regardless the length of the ProductName.

How can I achieve the desired result? I would highly appreciate a .trdx/.trdp report sample with inline CSV data.”

Additional information:

* Create an account and download a Telerik Reporting trial from <https://www.telerik.com/>.
* The documentation of the product is at <https://docs.telerik.com/reporting/overview>.
* You could implement a user aggregate function or use advanced expression to achieve the scenario.