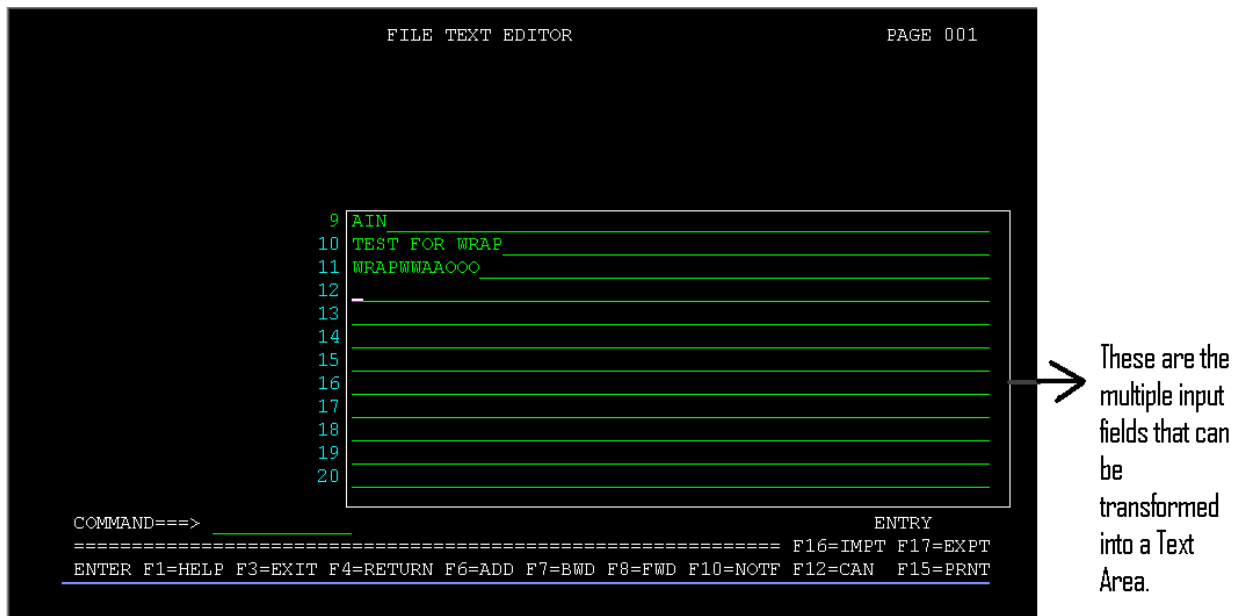


Displaying multiple input fields on a host as 'one' text area

Whenever we are presented with a host screen that has multiple input fields, we can transform these fields into a text area. This can be accomplished by utilizing a custom widget that renders the multiple input fields as one text area.

Each row of the text area corresponds to one input field on the host screen. The number of columns on the text area corresponds to the length of an input field on the host screen.

Following is an example of a multiple input field screen that we may encounter:



Our Custom widget class extracts the input fields from the host and applies the transformation to render it as a text area. We have also included an additional functionality in terms of adding a counter for displaying the number of characters that have been input on the text area. A **SAVE** button has also been provided in the transformed screen.

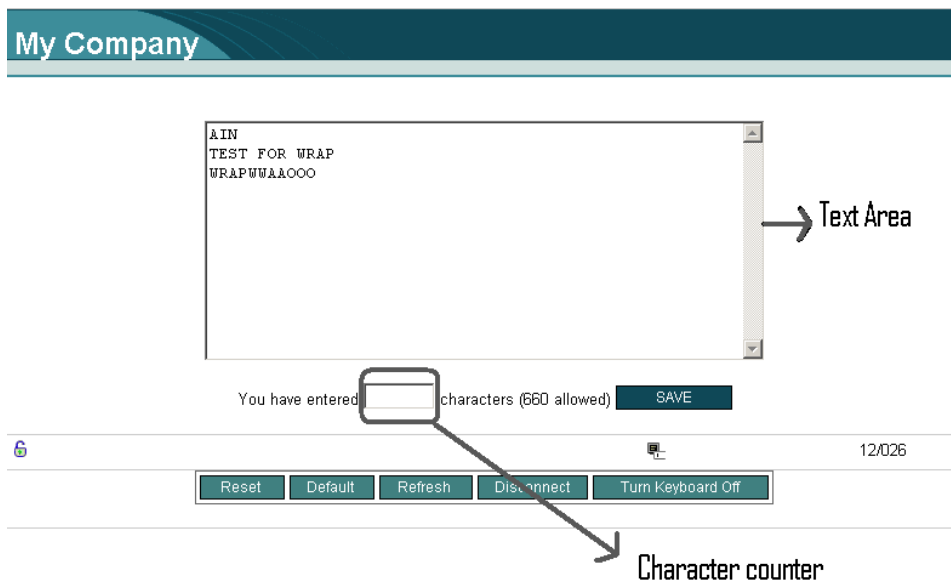
The widget class extracts the fields from the host and if it finds at least one input field, it renders it into a text area. Each input field that is rendered is defined as a row. In our test scenario, we

have twelve input fields on the host and each field can contain a maximum of fifty five characters. Thus the number of columns is also equal to fifty five in this case.

As mentioned before, a character counter is also provided in the transformation that keeps track of the number of characters typed in. As we have twelve input fields and each can have fifty five characters, the maximum number of input characters accepted by the Text Area is six hundred and sixty (660).

When the **SAVE** button is pressed, a JavaScript function is called that transports the entered data from the text Area to the host's input fields.

After applying the transformation, the final rendering is displayed as below:





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