**Project 3B – Parsing String**

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**Description: -**

The Project consist of 5 text boxes in which data is entered one of which is read only as it displays the output and all the other 4 text boxes are used to check if values are entered properly in a string. Following 4 tasks are performed when we click on validate all button.

1. First text box checks for characters such as @, $ etc and removes them from string and displays a string free of those character in text box 2
2. The third text box checks if the string ends with a special character like @, # etc. And if the string ends with any of this character it throws a error message and clears the text.
3. The Fourth text box checks if the string Starts with a special character like @, # etc. And if the string starts with any of this character it throws a error message and clears the text.
4. The fifth text box checks if the value entered in the textbox is a number only it parse the value and if there are any character or special characters entered other than number it throws an error and clears the text box.

**Example of Bad Data:-**

1. **For Text Box 1**

First text box checks for characters such as @, $, #, %, &, ^, \* and removes them from string and displays a string free of those character in text box 2

**Eg:- @acsd, 123$sdv, abc#234**

1. **For text box 3**

It checks if a string ends with a space , $, @, %, # and throws an error message and clears the box.

**Eg:- For Text Box 3 :-abc$, def@, the%**

1. **For text box 4**

It checks if a string starts with a space , $, @, %, # and throws an error message and clears the box.

**Eg:- For Text Box 4:- $abc, %def, #then**

1. **For Text Box 5**

It parses the value entered in the text box to check if its only numbers anything other than numbers throws an error.

**Eg:- For Text Box 5- @123, $12.34, abc123, &123@abc**

**Git Hub Repo link:-** https://github.com/naikk84/NaikProject3B