

# Align columns

Given an array of many lines, where fields within a line are delineated by a single `$` character, write a program that aligns each column of fields by ensuring that words in each column are separated by at least one space. Further, allow for each word in a column to be either left justified, right justified, or center justified within its column.

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Use the following text to test your programs:

```
const testText = [  
  'Given$a$text$file$of$many$lines',  
  'where$fields$within$a$line$',  
  'are$delineated$by$a$single"$dollar"$character',  
  'write$a$program',  
  'that$aligns$each$column$of$fields',  
  'by$ensuring$that$words$in$each$',  
  'column$are$separated$by$at$least$one$space.',  
  
  'Further,$allow$for$each$word$in$a$column$to$be$either$left$  
' ,  
  'justified,$right$justified',  
  'or$center$justified$within$its$column.'  
];
```

**Note that:**





- The example input texts lines may, or may not, have trailing dollar characters.
- All columns should share the same alignment.
- Consecutive space characters produced adjacent to the end of lines are insignificant for the purposes of the task.
- Output text will be viewed in a mono-spaced font on a plain text editor or basic terminal. Lines in it should be joined using new line character (`\n`).
- The minimum space between columns should be computed from the text and not hard-coded.

- It is not a requirement to add separating characters between or around columns.

For example, one of the lines from the `testText`, after justifying to the right, left and center respectively:

enter respectively:

```
'    column          are separated      by      at      least
one space.\n'
'column      are          separated by      at      least      one
space.\n'
'    column      are          separated      by      at      least
one      space.\n'
```

	<code>formatText</code> should be a function.
	<code>formatText(testText, 'right')</code> should produce text with columns justified to the right.
	<code>formatText(testText, 'left')</code> should produce text with columns justified to the left.
	<code>formatText(testText, 'center')</code> should produce text with columns justified to the center.