Design Exercise - Part 2

So, now you have completed the initial design. Here comes the changes. Here are the changes to the requirements:

1. The words appearing between the tokens `\bb` and `\be` are to be output in bold. The words appearing between `\ib` and `\ie` are to be output in italics.
2. To indicate toggling of outputs font you program is to output characters 'B' and 'I', respectively, at the point where bold and italics styles are toggled.
3. When the style is changed from being in italic to non-italic, an extra space is to be output, unless it is at the end of an output line, to compensate for the slant of adjacent character.
4. When bold or italics is used, the maximum line length is reduced from 80 characters by 10% of the characters that are either bold or italics.
5. Additionally, the token \n indicates a line break to be inserted in the output file.

Key questions to ask:

1. How well/badly did your design handle this design change? Particularly, how many modules needed to be changed?
2. How would you have designed initially, if you expected this kind of changes may be forthcoming?
3. Is that reducing the degree of coupling? Function vs. data decomposition? etc.