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Scripting Languages: Workshop 7 (Possible) Solution

Task 1

1. Write a script named `txtproc.sh` that automates the process of updating a html file to remove legacy tags and make other changes to meet specific requirements

2. To develop and test your script, use the `inputfile.html` file

3. Ensure your script uses **sed** to achieve the following outcomes:

   a. Converts instances of `<b>` to `<strong>` and `</b>` to `</strong>`

   b. Converts instances of `<i>` to `<em>` and `</i>` to `</em>`

   c. Corrects the misspelling `kernal` to `kernel` in all cases

   d. Converts all instances of `http` to `https`

   e. Pushes each new paragraph `<p>` to a new line

   f. Converts each each instance of `<p>` to `<p style="standardtext">`

   g. Write the processed text to a file named `inputfile_u.txt`

```bash
1   #!/bin/bash
2
3   # storing the input and output files as variables in not compulsory_
4       # just the way I like to do such things
5   infile=inputfile.html
6   outfile=inputfile_u.html
7
8   sed -e 's/<b>/<strong>/g'\
9       -e 's/<\/b>/<\/strong>/g'\
10      -e 's/<i>/<em>/g'\
11      -e 's/<\/i>/<\/em>/g'\
12      -e 's/kernal/kernel/g'\
13      -e 's/<p>/\n<p>/g'\
14      -e 's/<p>/<p style="standardtext">/g'\
15      -e 's/http/https/g' $infile > $outfile
16
17  exit 0
```