CS 3424 Quiz 4

(1) create a **sed** script which makes all comments consistent.
Comment lines begin with either **"//"** or "**#**" and can have any number of whitespaces before and after the **"//"** or **"#"**. Replace these comment lines with only **"//"** followed by a single space and the rest of the original comment. Finally, remove any lines that begin with a **"%"**. Include the command to run the script for a file named **file1.php** (contents below) and print output to **file1Clean.php**.

<u>Before Comment Fixes:</u>

```
// file1.php
  // Week 4
  // Quiz
                                        //comment3
//                          comment4
/ /comment5
                    / /comment6
%comment7
%                    comment8
                              %comment9



#comment10
#                          comment11
          #comment12

<?php
# print something
echo "hello world";
# close php tag
?>
% this isn't a correct comment
```

After Comment Fixes:

```
// file1.php
// Week 4
// Quiz
// comment3
// comment4
/ /comment5
                                        / /comment6


                                                %comment9




// comment10
// comment11
// comment12

<?php
// print something
echo "hello world";
// close php tag
?>
```

```
tfe646@fox01:~/UTSA-CS/CS3424 - Sys Prog/Quiz4$ cat script.sed
#!/bin/sed -f

s/^\( *\/\/ *\| *# *\)/\/\/ /
s/^%.*//g
```

```
tfe646@fox01:~/UTSA-CS/CS3424 - Sys Prog/Quiz4$ cat file1.php
// file1.php
  // Week 4
  // Quiz
                                                //comment3
//                              comment4
/ /comment5
                              / /comment6
%comment7
%                        comment8
                                        %comment9


#comment10
#                                    comment11
              #comment12

<?php
#print something
echo "hello world";
# close php tag
?>
% this isn't a correct comment
tfe646@fox01:~/UTSA-CS/CS3424 - Sys Prog/Quiz4$ ./script.sed file1.php > file1Clean.php
tfe646@fox01:~/UTSA-CS/CS3424 - Sys Prog/Quiz4$ cat file1Clean.php
// file1.php
// Week 4
// Quiz
// comment3
// comment4
/ /comment5
                              / /comment6


                                        %comment9


// comment10
// comment11
// comment12

<?php
// print something
echo "hello world";
// close php tag
?>

tfe646@fox01:~/UTSA-CS/CS3424 - Sys Prog/Quiz4$
```