

Practice Quiz: Before Version Control

TOTAL POINTS 5

1. Your colleague sent you a patch called `fix_names.patch`, which fixes a config file called `fix_names.conf`. What command do you need to run to apply the patch to the config file?

1 / 1 point

- ☐ `diff names.conf fix_names.conf`
- ☐ `patch fix_names.conf names.conf`
- ☒ `patch fix_names.conf < fix_names.patch`
- ☐ `diff names.conf_orig names.conf_fixed > fix_names.conf`

✓ **Correct**

Nice job! The `patch` command with the file to be patched, followed by the filename of the patch, will apply it.

1 / 1 point

2. You're helping a friend with a bug in a script called `fix_permissions.py`, which fixes the permissions of a bunch of files. To work on the file, you make a copy and call it `fix_permissions_modified.py`. What command do you need to run after solving the bug to send the patch to your friend?

- ☒ `diff fix_permissions.py fix_permissions_modified.py > fix_permissions.patch`
- ☐ `patch fix_permissions.py < fix_permissions_modified.py`
- ☐ `patch fix_permissions.py > fix_permissions.patch`
- ☐ `diff fix_permissions.py fix_permissions.diff`

✓ **Correct**

Awesome! The `diff` command will allow us to compare and apply the differences between the files.

3. The ____ command highlights the words that changed in a file instead of working line by line.

1 / 1 point

- ☐ diff
- ☐ diff -u
- ☒ vimdiff
- ☐ patch

✓ **Correct**

Right on! The vimdiff command highlights the words that changed in a file by color, in addition to working line by line.

4. How can we choose the return value our script returns when it finishes?

1 / 1 point

- ☒ Using the exit command from the sys module
- ☐ Use the patch command
- ☐ Use the diff command
- ☐ Use meld

5. In addition to the original files, what else do we need before we can use the patch command?

1 / 1 point

- ☒ Diff file
- ☐ exit command of the sys module
- ☐ Version control
- ☐ Full copy of the new files



Correct

Woohoo! We need to use the patch command with the diff file to apply new changes to the original file.