

## ✓ Congratulations! You passed!

Grade received 100% To pass 80% or higher

Go to next item

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.

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?

1 / 1 point

- ☒ `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`
- ☒ `wdiff`
- ☐ `patch`

✓ Correct

Right on! The wdiff 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`

✓ Correct

Great work! A script can use `sys.exit` to finish processing and return the number passed as an argument as the script's return code.

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

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

needed, we need to use the patch command with the -m file to apply new changes to the original file.