

(2) Pyshell

Design a bash shell using python commands. You are expected to implement the following commands:

- cd
- ls
- pwd
- touch
- grep
- head
- tail
- touch
- tr
- sed (at least the substitution operation)
- diff

Bonus: Implement some basic commonly used flags of all of these commands.

Write one python file which listens to user inputs and executes them and exits with the exit command.

Make sure your program handles exceptions gracefully.

Make a file containing the various commands that your program accepts.

Note: You are obviously not allowed to use the **os.system()** function or the **subprocess module** or anything other module for that matter to run these commands directly. Duh!

As always, Here's a python easter egg: Open a python prompt in your terminal and run 'import antigravity'