Bash document

1. mkdir ${HOME}/Desktop/Directory/ PySample.py
   mkdir ${HOME}/Desktop/Directory/ stuff.py
   mkdir ${HOME}/Desktop/Directory/ ExtraP.txt

2. ls – a

3 . cat PySample.py cat ExtraP.txt

cat Stuff.py

display last 3 lines of all files

tail -n 3 PySample.py

tail -n 3 ExtraP.txt

tail -n 3 Stuff.py

4. Create PythonCurrent directory
mkdir PythonCurrent

Create PythonDone directory
mkdir PythonDone

Create TextFiles directory
mkdir TextFiles

Create 2022 directory inside PythonDone
mkdir PythonDone/2022

Create 2023 directory inside PythonDone
mkdir PythonDone/2023

Create Python directory inside TextFiles
mkdir TextFiles/Python

Create Other directory inside TextFiles
mkdir TextFiles/Other

5. Change to PythonDone directory
cd PythonDone

 Confirm the current directory using pwd
echo "Current directory: $(pwd)"

List files in the PythonDone directory
ls

6. Save the current working directory
working_dir=$(pwd)

 Change to PythonCurrent directory
cd PythonCurrent
echo "Current directory: $(pwd)"

Change to 2023 directory
cd ../PythonDone/2023
echo "Current directory: $(pwd)"

Change to Other directory
cd ../../TextFiles/Other
echo "Current directory: $(pwd)"

 Return to the working directory
cd "$working_dir"
echo "Current directory: $(pwd)"

7. Move Stuff.py to PythonCurrent with the same name
mv Stuff.py PythonCurrent/Stuff.py

 Check if the file has been moved
ls PythonCurrent

 Copy ExtraP.txt to Python folder in TextFiles
cp ExtraP.txt TextFiles/Python/ExtraP.txt

8. # Change to Python folder
cd TextFiles/Python

 Display the first 6 lines of ExtraP.txt
head -n 6 ExtraP.txt

Move back to the main folder
cd –

9. Display the contents of ExtraP.txt from the Python directory in PythonDone
cat PythonDone/Python/ExtraP.txt

10. Search for the file Stuff.py in all subdirectories of the working directory
find . -name "Stuff.py"

11. Change permissions of PySample.py to read and execute for owner, group, and others
chmod 555 PySample.py

12. Find occurrences of "getName" in files and indicate the file(s)
grep -r "getName" . > FindResults.txt

 Find occurrences of "RetailCost" (case-insensitive) in files and append to FindResults.txt
grep -ri "RetailCost" . >> FindResults.txt

13. q – go back to main. This'll help with easier navigation. Giving a consistent area to start back up on again. Making creating new directories, & folders