Bash document

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

mkdir ${HOME}/Desktop/Directory/ stuff.py

mkdir ${HOME}/Desktop/Directory/ ExtraP.txt

1. 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