Batch:- 443

Name:- Arshad Bagde

Day:- 4 - Stage 1, Review

Question:-

Mentors CodInClub8:04 AM

Use Cases :-

1. Create a New Directory as "stage1_review"

2. Get inside a directory & Create multiple files such as

* Add.java

* Sub.js

*Multiply.py

*Division.cs

Finally Create a shell script file for your logic execution as "day4.sh"

3.Cut or move a file & paste into specific folder/directory

Expected Result:-

Add/java/Add.java

Sub/js/Sub.js

Multiply/py/Multiply.py

Division/cs/Division.cs

Make sure Needs to create sub-folder as your file extension name

Send result to nandhak907@gmail.com

Solution:-

```
abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443
$ mkdir stage1_review

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443
$ ls
Test1/  linux-content/  stage1_review/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443
$ cd stage1_review/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ touch Add.java Sub.js Multiple.py Division.cs

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
```
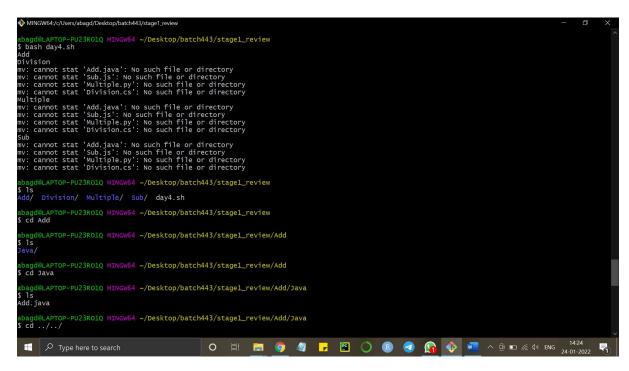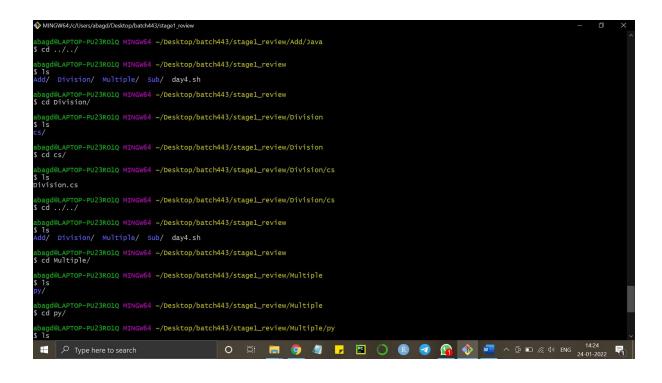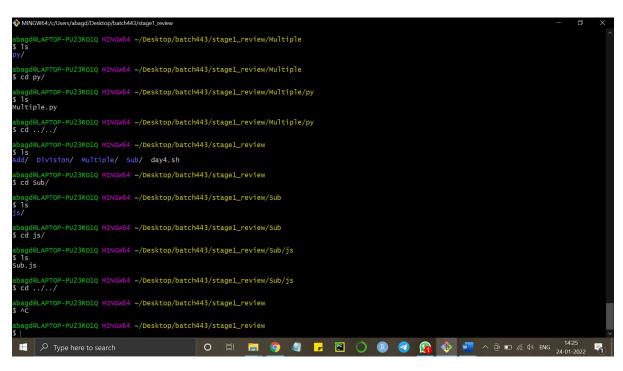
```
Add.java  Division.cs  Multiple.py  Sub.js

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ notepad day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ bash day4.sh
Add
Division
mv: cannot stat 'Add.java': No such file or directory
mv: cannot stat 'Sub.js': No such file or directory
mv: cannot stat 'Multiple.py': No such file or directory
mv: cannot stat 'Division.cs': No such file or directory
Multiple
mv: cannot stat 'Add.java': No such file or directory
mv: cannot stat 'Sub.js': No such file or directory
mv: cannot stat 'Multiple.py': No such file or directory
mv: cannot stat 'Division.cs': No such file or directory
Sub
mv: cannot stat 'Add.java': No such file or directory
mv: cannot stat 'Sub.js': No such file or directory
mv: cannot stat 'Multiple.py': No such file or directory
mv: cannot stat 'Division.cs': No such file or directory

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add/  Division/  Multiple/  Sub/  day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ cd Add

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Add
$ ls
Java/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Add
$ cd Java

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Add/Java
$ ls
Add.java

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Add/Java
$ cd ../../

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add/  Division/  Multiple/  Sub/  day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ cd Division/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Division
$ ls
cs/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Division
$ cd cs/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Division/cs
$ ls
Division.cs

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Division/cs
$ cd ../../

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add/  Division/  Multiple/  Sub/  day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ cd Multiple/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Multiple
$ ls
py/
```

```
abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Multiple
$ cd py/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Multiple/py
$ ls
Multiple.py

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Multiple/py
$ cd ../../

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add/  Division/  Multiple/  Sub/  day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ cd Sub/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub
$ ls
js/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub
$ cd js/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub/js
$ ls
Sub.js

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub/js
$ cd ../../

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add/  Division/  Multiple/  Sub/  day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ cat day4.sh
for items in `ls *.java *.cs *.py *.js`
do
    a=`echo $items | awk -F. '{ print $1 }'`
    echo $a
    mkdir -p Add/Java | mv Add.java Add/java
    mkdir -p Sub/js | mv Sub.js Sub/js
    mkdir -p Multiple/py | mv Multiple.py Multiple/py
    mkdir -p Division/cs | mv Division.cs Division/cs
done
```

```
abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443
$ ls
Test1/  linux-content/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443
$ mkdir stage1_review

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443
$ ls
Test1/  linux-content/  stage1_review/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443
$ cd stage1_review/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ touch Add.java Sub.js Multiple.py Division.cs

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add.java  Division.cs  Multiple.py  Sub.js

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ notepad day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ bash day4.sh
Add
Division
mv: cannot stat 'Add.java': No such file or directory
mv: cannot stat 'Sub.js': No such file or directory
mv: cannot stat 'Multiple.py': No such file or directory
mv: cannot stat 'Division.cs': No such file or directory
Multiple
mv: cannot stat 'Add.java': No such file or directory
mv: cannot stat 'Sub.js': No such file or directory
mv: cannot stat 'Multiple.py': No such file or directory
mv: cannot stat 'Division.cs': No such file or directory
Sub
mv: cannot stat 'Add.java': No such file or directory
mv: cannot stat 'Sub.js': No such file or directory
```

```
abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ bash day4.sh
Add
Division
mv: cannot stat 'Add.java': No such file or directory
mv: cannot stat 'Sub.js': No such file or directory
mv: cannot stat 'Multiple.py': No such file or directory
mv: cannot stat 'Division.cs': No such file or directory
Multiple
mv: cannot stat 'Add.java': No such file or directory
mv: cannot stat 'Sub.js': No such file or directory
mv: cannot stat 'Multiple.py': No such file or directory
mv: cannot stat 'Division.cs': No such file or directory
Sub
mv: cannot stat 'Add.java': No such file or directory
mv: cannot stat 'Sub.js': No such file or directory
mv: cannot stat 'Multiple.py': No such file or directory
mv: cannot stat 'Division.cs': No such file or directory

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add/  Division/  Multiple/  Sub/  day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ cd Add

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Add
$ ls
Java/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Add
$ cd Java

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Add/Java
$ ls
Add.java

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Add/Java
$ cd ../../
```

```
abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Add/Java
$ cd ../../

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add/  Division/  Multiple/  Sub/  day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ cd Division/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Division
$ ls
cs/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Division
$ cd cs/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Division/cs
$ ls
Division.cs

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Division/cs
$ cd ../../

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add/  Division/  Multiple/  Sub/  day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ cd Multiple/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Multiple
$ ls
py/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Multiple
$ cd py/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Multiple/py
$ ls
```

```
abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Multiple
$ ls
py/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Multiple
$ cd py/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Multiple/py
$ ls
Multiple.py

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Multiple/py
$ cd ../../

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add/  Division/  Multiple/  Sub/  day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ cd Sub/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub
$ ls
js/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub
$ cd js/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub/js
$ ls
Sub.js

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub/js
$ cd ../../

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ^C

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$
```

```
abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add/   Division/   Multiple/   Sub/   day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ cd Sub/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub
$ ls
js/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub
$ cd js/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub/js
$ ls
Sub.js

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review/Sub/js
$ cd ../../

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ^C

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ ls
Add/   Division/   Multiple/   Sub/   day4.sh

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$ cat day4.sh
for items in `ls *.java *.cs *.py *.js`
do
    a=`echo $items | awk -F. '{ print $1 }'`
    echo $a
    mkdir -p Add/Java | mv Add.java Add/java
    mkdir -p Sub/js | mv Sub.js Sub/js
    mkdir -p Multiple/py | mv Multiple.py Multiple/py
    mkdir -p Division/cs | mv Division.cs Division/cs
done
abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/stage1_review
$
```