

Tom Morrison
ASEN 4159
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Assignment 5 Report

Problem 1.

Run with command:

`./counting.sh number1 number2`

Output for number1 = 3 and number2 = 15

3
4
5
6
7
8
9
10
11
12
13
14
15

Problem 2.

Run command:

`./priveleges.sh File/DirectoryName`

Output for File Name = /usr/bin/gdb

```
The permissions string is: -rwxr-xr-x
/usr/bin/gdb is a regular file
r
User has read permissions for /usr/bin/gdb
w
User has write permissions for /usr/bin/gdb
x
User has execute permissions for /usr/bin/gdb
```

Problem 3

Run Command:

`./rename.sh NewName ExtensionToRename`

Output for NewName = MyPicture ExtensionToRename = png

Using Pictures.tar.gz file

Before

```
tom@tom-VirtualBox:~/ASEN4519/Morrison/Assignments/Assignment_5/Problem_3$ ls
m1-closed-lam-r0.png  m1-steady-lam-r01.png  m2-steady-lam-r01.png  m3-steady-lam-r01.png  m3-steady-vel-r1.png
m1-closed-lam-r1.png  m1-steady-lam-r0.png  m2-steady-lam-r0.png  m3-steady-lam-r0.png  Pictures.tar.gz
m1-closed-p-r0.png    m1-steady-lam-r1.png  m2-steady-lam-r1.png  m3-steady-lam-r1.png  rename.sh
m1-closed-p-r1.png    m1-steady-vel-r01.png m2-steady-vel-r01.png  m3-steady-vel-r01.png
m1-closed-vel-r0.png  m1-steady-vel-r0.png  m2-steady-vel-r0.png  m3-steady-vel-r0.png
m1-closed-vel-r1.png  m1-steady-vel-r1.png  m2-steady-vel-r1.png  m3-steady-vel-r0.png.png
tom@tom-VirtualBox:~/ASEN4519/Morrison/Assignments/Assignment_5/Problem_3$ ./rename.sh MyPicture png
```

After

```
tom@tom-VirtualBox:~/ASEN4519/Morrison/Assignments/Assignment_5/Problem_3$ ls
MyPicture10.png  MyPicture14.png  MyPicture18.png  MyPicture21.png  MyPicture25.png  MyPicture5.png  MyPicture9.png
MyPicture11.png  MyPicture15.png  MyPicture19.png  MyPicture22.png  MyPicture2.png  MyPicture6.png  Pictures.tar.gz
MyPicture12.png  MyPicture16.png  MyPicture1.png  MyPicture23.png  MyPicture3.png  MyPicture7.png  rename.sh
MyPicture13.png  MyPicture17.png  MyPicture20.png  MyPicture24.png  MyPicture4.png  MyPicture8.png
tom@tom-VirtualBox:~/ASEN4519/Morrison/Assignments/Assignment_5/Problem_3$
```

Problem 4

Run command:

`./grader.sh GradeFile`

Output for GradeFile = Athena.txt

```
tom@tom-VirtualBox:~/ASEN4519/Morrison/Assignments/Assignment_5/Problem_4$ ./grader.sh Athena2.txt
The average grade for Athena2.txt is:
88.75
tom@tom-VirtualBox:~/ASEN4519/Morrison/Assignments/Assignment_5/Problem_4$
```

Output for GradeFile = Bartholomeu.txt

```
tom@tom-VirtualBox:~/ASEN4519/Morrison/Assignments/Assignment_5/Problem_4$ ./grader.sh Bartholomeu2.txt
The average grade for Bartholomeu2.txt is:
78.88
tom@tom-VirtualBox:~/ASEN4519/Morrison/Assignments/Assignment_5/Problem_4$
```

Problem 5

Run Command:

`./organize.sh ZIPFile`

Output for ZIPFile = MIDG.tar.gz

```
tom@tom-VirtualBox:~/ASEN4519/Morrison/Assignments/Assignment_5/Problem_5/Post_Run$ ls
a  cu  m  MakefileCPU3d  MakefileGPU3d  MaxwellsCPU3d  MIDG2_clean.tar.gz  o  sh
c  h  MakefileCPU2d  MakefileGPU2d  MaxwellsCPU2d  midg  neu  readme  updates
tom@tom-VirtualBox:~/ASEN4519/Morrison/Assignments/Assignment_5/Problem_5/Post_Run$
```