########################CODE######################

#!/bin/bash

eval cp grades3.txt grades2.txt

eval cat grade.txt > gradeappend.txt

for stu in $(cat roster)

do

declare-i **w=**0

declare-i **score=**100

echo $stu

eval ./instructor/solution1.sh > expected.txt

eval ./students/$stu/hw1.sh > $stu\sol.txt

eval diff expected.txt $stu\sol.txt > diff$stu.txt

for c in $(cat diff$stu.txt)

do

**w**=$((w+1))

done

if [ $w -ge 100 ]

then

declare-i **gradestu=**0

echo $stu got a score of $gradestu

eval echo $gradestu >> gradeappend.txt

else

echo $stu got a score of $(($score-(w)))

declare-i **gradestu=**$(($score-(w)))

eval echo $gradestu >> gradeappend.txt

fi

done

eval paste grades2.txt gradeappend.txt > grades1.txt

eval cat grades1.txt

declare-i **sum=**0

declare-i **count=**0

for g in $(awk -F " " '{if (NR>1) print $1}' gradeappend.txt)

do

**sum**=$((sum+g))

**count**=$((count+1))

done

echo average grade was $((sum/count))

eval cp grades1.txt grades3.txt

#########################OUTPUT########################

**[ascales@mis01 ~/proj1]** cat grades3.txt

Student Grade% %

mandary 94 94

fakestudent 100 100

ihe 100 100

ascales 97 97

**[ascales@mis01 ~/proj1]** ./autograder.sh

mandary

mandary got a score of 94

fakestudent

fakestudent got a score of 100

ihe

ihe got a score of 100

ascales

ascales got a score of 97

average grade was 97

**[ascales@mis01 ~/proj1]** cat grades3.txt

Student Grade% % %

mandary 94 94 94

fakestudent 100 100 100

ihe 100 100 100

ascales 97 97 97

**[ascales@mis01 ~/proj1]** ./autograder.sh

mandary

mandary got a score of 94

fakestudent

fakestudent got a score of 100

ihe

ihe got a score of 100

ascales

ascales got a score of 97

average grade was 97

**[ascales@mis01 ~/proj1]** cat grades3.txt

Student Grade% % % %

mandary 94 94 94 94

fakestudent 100 100 100 100

ihe 100 100 100 100

ascales 97 97 97 97

**[ascales@mis01 ~/proj1]** ./autograder.sh

mandary

mandary got a score of 94

fakestudent

fakestudent got a score of 100

ihe

ihe got a score of 100

ascales

ascales got a score of 97

average grade was 97

**[ascales@mis01 ~/proj1]** cat grades3.txt

Student Grade% % % % %

mandary 94 94 94 94 94

fakestudent 100 100 100 100 100

ihe 100 100 100 100 100

ascales 97 97 97 97 97

**[ascales@mis01 ~/proj1]**