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CMSC 105

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**Design**

Main

##Welcome message

#define constant variables

hrlyRate = 14.50

commisionRate = .08

#prompt user input

milesDriven = “input miles driven”

hrsWorked = “input hours worked”

tipsRec = “input tips received”

#calculate variables

dailyWage = hrlyRate \* hrsWorked

comPay = milesDriven \* commisionRate

totalPay = dailyWage + comPay + tipsRec

#change variables to strings

#display output

Print “your daily wage is: “ dailyWage

Print “your commission pay is: ”comPay

Print “you received tipsRec tips”

Print “your total pay is: “ totalPay

End

**Test Plan**

Test# miles driven hours worked tips received Expected output

1 50 8 45 The daily wage is $116

The commission pay is $4

The tips are $45

The total pay is $165

2 150 10 60.50 The daily wage is $145

The commission pay is $12

The tips are $60.50

The total pay is $217.50

3 300 14 165 The daily wage is $203

The commission pay is $24

The tips are $165

The total pay is $392

**Screen Shots**

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated