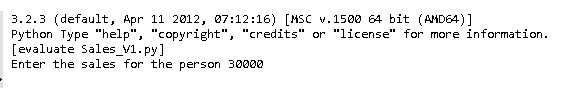
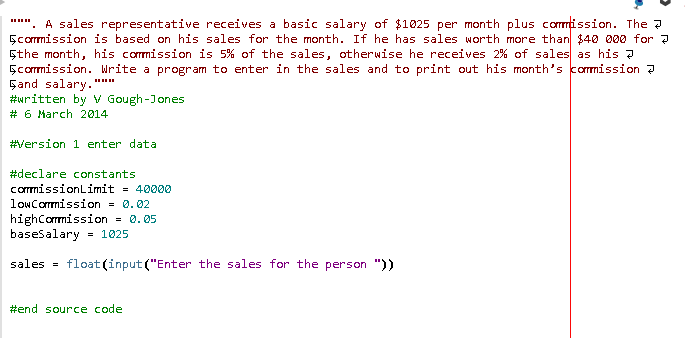
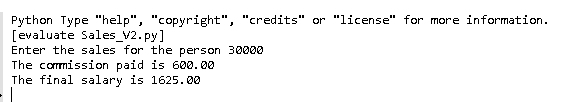
Version 1

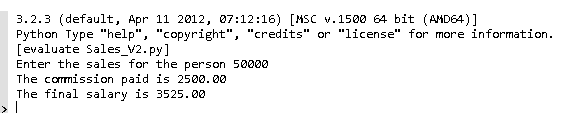
#enter data



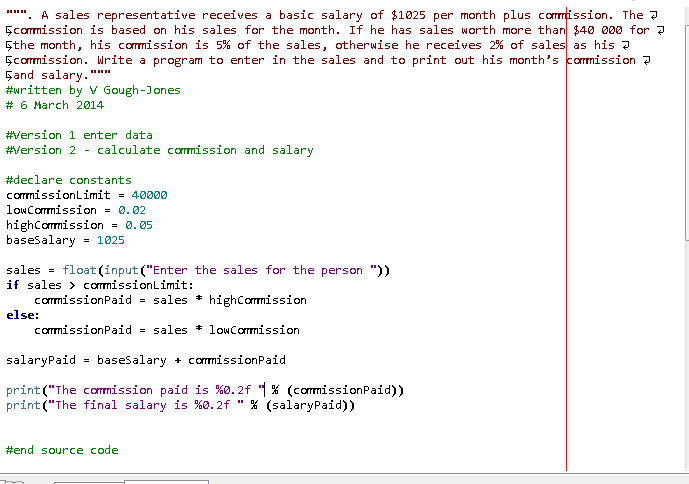


Version 2

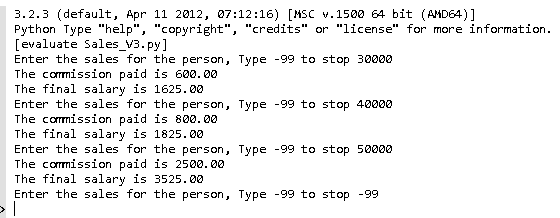




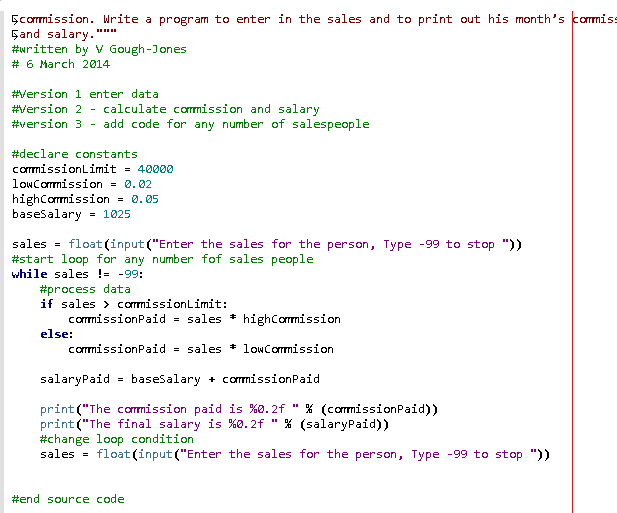
Code:



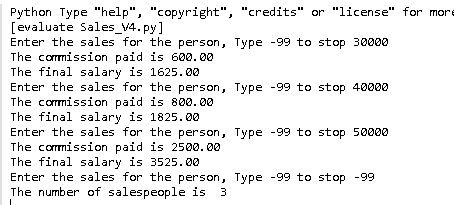
Version 3



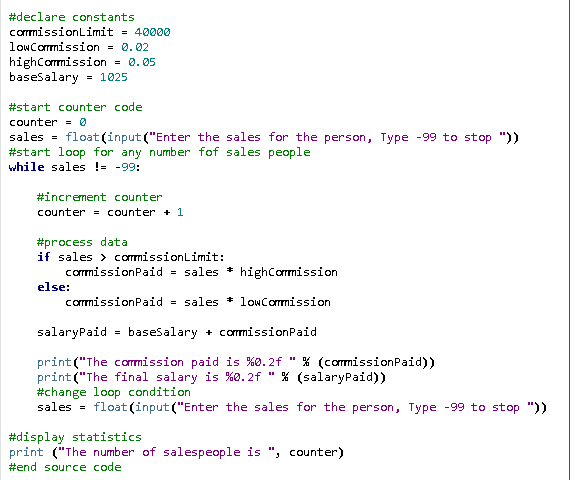
Added in code for a while loop



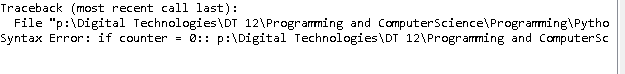
Version 4 for question 3



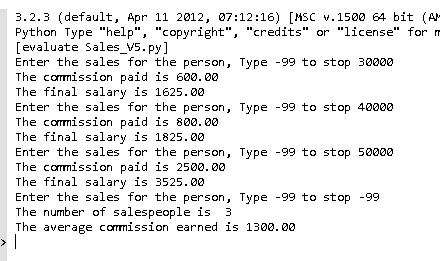
Added in code for a counter



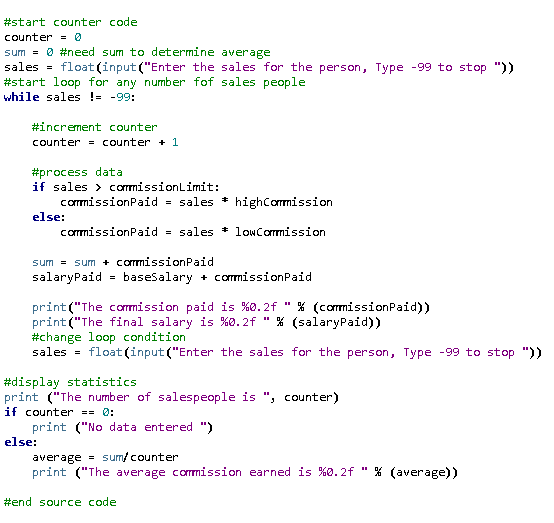
Version 5 - add in code for question 4



Forgot to do double= for equality



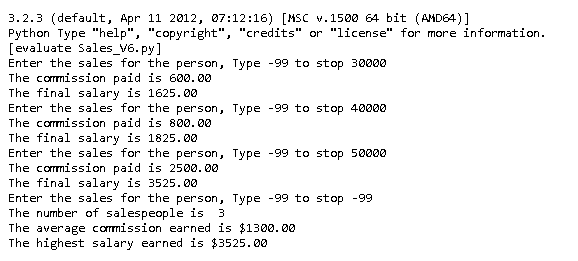
Code



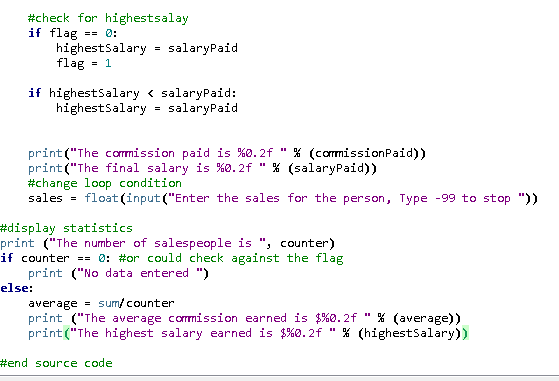
Version 6 add in code for question 5

Highest salary earned

A syntax error of brackets was corrected

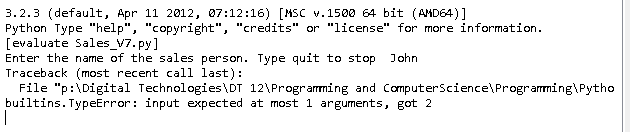


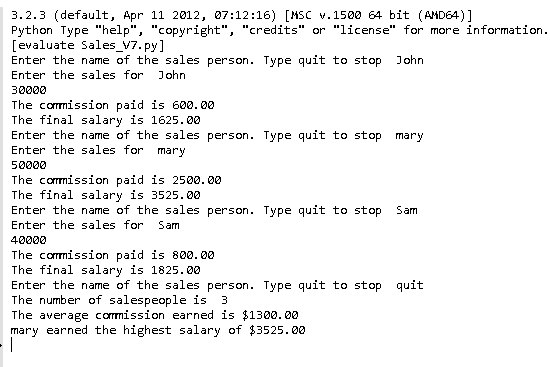
Code



Version 7 for question 6

Add in name of person with highest salary





Code:

""". A sales representative receives a basic salary of $1025 per month plus commission. The commission is based on his sales for the month. If he has sales worth more than $40 000 for the month, his commission is 5% of the sales, otherwise he receives 2% of sales as his commission. Write a program to enter in the sales and to print out his month’s commission and salary."""

#written by V Gough-Jones

# 6 March 2014

#Version 1 enter data

#Version 2 - calculate commission and salary

#version 3 - add code for any number of salespeople

#version 4 - add in code for counter

#version 5 - add in code for average of commission

#version 6 - to determine highest salary

#version 7 - determine name of person with highestsalary

#declare constants

commissionLimit = 40000

lowCommission = 0.02

highCommission = 0.05

baseSalary = 1025

# enter person name - change loop control

name = input("Enter the name of the sales person. Type quit to stop ")

#start counter code

counter = 0

sum = 0 #need sum to determine average

flag = 0 #set flag to determine highest salary in loop or use counter

#start loop for any number fof sales people

while name not in ("quit", "QUIT", "Quit"):

print("Enter the sales for ", name )

sales = float(input())

#increment counter

counter = counter + 1

#process data

if sales > commissionLimit:

commissionPaid = sales \* highCommission

else:

commissionPaid = sales \* lowCommission

sum = sum + commissionPaid

salaryPaid = baseSalary + commissionPaid

#check for highestsalay

if flag == 0:

highestSalary = salaryPaid

highestName = name

flag = 1

if highestSalary < salaryPaid:

highestSalary = salaryPaid

highestName = name

print("The commission paid is %0.2f " % (commissionPaid))

print("The final salary is %0.2f " % (salaryPaid))

#change loop condition

name = input("Enter the name of the sales person. Type quit to stop ")

#display statistics

print ("The number of salespeople is ", counter)

if counter == 0: #or could check against the flag

print ("No data entered ")

else:

average = sum/counter

print ("The average commission earned is $%0.2f " % (average))

print(highestName, "earned the highest salary of $%0.2f " % (highestSalary))

#end source code