print ("Shopping")

print()

print ("Abstract: This is a survey composed for a London")

print ("department store to improve the accuracy of")

print ("guesswork and correctly predict (0) for a purchase")

print ("and (1) for nil purchase.\n",)

print ()

print ("Customer Form")

print ("1) On the scale of 0 to 10 where 0 is very ")

print ("little and 10 is very much: ")

A = input ("How much does advertising affect what you buy?\n",)

print ()

print ("2) On the scale of 0 to 10 where 0 is very ")

print ("little and 10 is a lot: ")

print ("On average how much time do you spend")

B = input ("choosing a purchase?\n",)

print ()

C = input ("3) What month did you buy your last car? (1-12)\n",)

print ()

print("4) On the scale of 0 to 10 where 0 is not")

print("very likely and 10 is very likely: ")

print ("How likely are you to splash out on anniversaries/")

D = input ("Christmas?\n",)

print ()

E = input ("5) Where do you live (London/near London/other)?\n",)

print()

print ("6) On the scale of 0 to 10 where 0 is very light ")

print ("and 10 is very heavy: ")

F = input ("What is the traffic like when you go to the shops?\n",)

print ()

print ("7) Do you agree with this statement?")

G = input ("I do most of my shopping at the weekend (T/F)\n",)

print ()

print ("8) How often do you go shopping?")

print ("Once a month\several times a month\once a week")

H = input ("\more than once a week, every day(1-5)\n",)

print ()

print ()

II = 1 - (int(A) / 10)

I = round(II,1)

JJ = 1 - (int(B) / 10)

J = round(JJ,1)

if C == "1" or "2 " or "3":

K = 0.9

if C == "4" or "5":

K = 0.6

if C == "6" or "7" or "8":

K= 0.2

if C == "9" or "10" or "11":

K = 0.4

if C == "12":

K = 0.1

number = 0

L = 1 - (int(D) / 10)

Q = round(L,1)

if E == "London" or "L" or "Lon" or "lon" or "london":

M = 0.1

if E == "near London" or "n/L" or "N/L" or "Near London" or "near london":

M = 0.9

elif E == "other" or "Other":

M = 0.1

N = 1 - (int(F) / 10)

R = round(N,1)

if G == "T":

O = 0.5

if G == "F":

O = 1.0

P = (int(H)\*2 / 10)

print ()

SS = (1 - I)

S = round (SS,1)

TT = (1 - J)

T = round (TT,1)

UU = (1 - K)

U = round (UU,1)

VV = (1 - Q)

V = round (VV,1)

WW = (1 - M)

W = round (WW,1)

XX = (1 - R)

X = round (XX,1)

YY = (1 - O)

Y = round (YY,1)

ZZ = (1 - P)

Z = round (ZZ,1)

AAA = (S + T + U + V + W + X + Y + Z) / 8

AA = round (AAA,1)

BBB = 1 - AAA

BB = round (BBB,1)

print ("Customer Data Analysis")

print ("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_")

print ("| | | |")

print ("| | +ve | -ve |")

print ("|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|\_ \_\_\_|\_\_\_\_\_|")

print ("| 1)Product Related |",I,"|",S,"|")

print ("| 2)Duration |",J,"|",T,"|")

print ("| 3)Month |",K,"|",U,"|")

print ("| 4)Special Day |",Q,"|",V,"|")

print ("| 5)Region |",M,"|",W,"|")

print ("| 6)Traffic Type |",R,"|",X,"|")

print ("| 7)Weekend |",O,"|",Y,"|")

print ("| 8)Visitor Type |",P,"|",Z,"|")

print ("|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|\_\_\_\_\_|\_\_\_\_\_|")

print ("| Revenue | |")

print ("| (",AA,":",BB,") | T / F |")

print ("|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|\_\_\_\_\_\_\_\_\_\_\_|")

print()

print ("+ve is a purchase")

print ("-ve is nul purchase")

print ()

if AA >= 0.5:

print ("There was a purchase")

if AA < 0.5:

print ("There was not a purchase")