PRINTED OUTPUT

QUESTION 2.

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Question 2(b):

bias term w\_0:

[-6.03039659]

weight vector w:

[[1.64236665 1.74189139]]

Question 2(c):

accuracy1:

0.8586666666666667

accuracy2:

0.8586666666666667

accuracy difference (should be zero):

0.0

Question 2(g):

P(C = 1|x) = 0.6

precision

0.76546037563

recall

0.6684

P(C = 1|x) = 0.5

precision

0.755378774182

recall

0.8356

P(C = 1|x) = 0.05

precision

0.474248316418

recall

1.0