```
 1 C:\Users\lcalderon\Miniconda3\envs\py36\python.exe "C
   :/Users/lcalderon/OneDrive - ENDAVA/Documents/GitHub/
   0123/Machine Learning/Census/census5.py"
 2 Cost after 0 iterations: 0.5507509441021551
 3 Cost after 10 iterations: 0.5499589825992632
 4 Cost after 20 iterations: 0.5499569684338735
 5 Cost after 30 iterations: 0.5499553697188434
 6 Cost after 40 iterations: 0.5499537723438064
 7 Cost after 50 iterations: 0.5499521760966102
 8 Cost after 60 iterations: 0.5499505809657746
 9 Cost after 70 iterations: 0.5499489869399586
10 Cost after 80 iterations: 0.5499473940078417
11 Cost after 90 iterations: 0.5499458021581224
12 Cost after 100 iterations: 0.5499442113795191
13 Cost after 110 iterations: 0.5499426216607688
14 Cost after 120 iterations: 0.5499410329906275
15 Cost after 130 iterations: 0.5499394453578698
16 Cost after 140 iterations: 0.5499378587512885
17 Cost after 150 iterations: 0.5499362731596953
18 Cost after 160 iterations: 0.5499346885719191
19 Cost after 170 iterations: 0.5499331049768071
20 Cost after 180 iterations: 0.5499315223632243
21 Cost after 190 iterations: 0.5499299407200525
22 Cost after 200 iterations: 0.5499283600361915
23 Cost after 210 iterations: 0.5499267803005574
24 Cost after 220 iterations: 0.5499252015020839
25 Cost after 230 iterations: 0.5499236236297206
26 Cost after 240 iterations: 0.5499220466724342
27 Cost after 250 iterations: 0.5499204706192071
28 Cost after 260 iterations: 0.5499188954590379
29 Cost after 270 iterations: 0.5499173211809416
30 Cost after 280 iterations: 0.549915747773948
31 Cost after 290 iterations: 0.549914175227103
32 Cost after 300 iterations: 0.5499126035294676
33 Cost after 310 iterations: 0.5499110326701176
34 Cost after 320 iterations: 0.5499094626381443
35 Cost after 330 iterations: 0.5499078934226533
36 Cost after 340 iterations: 0.5499063250127646
37 Cost after 350 iterations: 0.5499047573976129
38 Cost after 360 iterations: 0.5499031905663468
39 Cost after 370 iterations: 0.5499016245081287
40 Cost after 380 iterations: 0.5499000592121353
41 Cost after 390 iterations: 0.549898494667556
42 Cost after 400 iterations: 0.5498969308635946
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43 Cost after 410 iterations: 0.5498953677894672
44 Cost after 420 iterations: 0.54989380543440036
45 Cost after 430 iterations: 0.5498922437876458
46 Cost after 440 iterations: 0.5498906828384489
47 Cost after 450 iterations: 0.5498891225760802
48 Cost after 460 iterations: 0.5498875629898196
49 Cost after 470 iterations: 0.5498860040689583
50 Cost after 480 iterations: 0.5498844458028003
51 Cost after 490 iterations: 0.5498828881806608
52 Cost after 500 iterations: 0.5498813311918664
53 Cost after 510 iterations: 0.5498797748257558
54 Cost after 520 iterations: 0.5498782190716778
55 Cost after 530 iterations: 0.5498766639189928
56 Cost after 540 iterations: 0.5498751093570721
57 Cost after 550 iterations: 0.5498735553752971
58 Cost after 560 iterations: 0.5498720019630602
59 Cost after 570 iterations: 0.5498704491097637
60 Cost after 580 iterations: 0.5498688968048199
61 Cost after 590 iterations: 0.5498673450376512
62 Cost after 600 iterations: 0.5498657937976896
63 Cost after 610 iterations: 0.5498642430743768
64 Cost after 620 iterations: 0.5498626928571634
65 Cost after 630 iterations: 0.5498611431355096
66 Cost after 640 iterations: 0.5498595938988846
67 Cost after 650 iterations: 0.5498580451367662
68 Cost after 660 iterations: 0.5498564968386406
69 Cost after 670 iterations: 0.549854948994003
70 Cost after 680 iterations: 0.5498534015923565
71 Cost after 690 iterations: 0.5498518546232125
72 Cost after 700 iterations: 0.5498503080760903
73 Cost after 710 iterations: 0.5498487619405168
74 Cost after 720 iterations: 0.5498472162060264
75 Cost after 730 iterations: 0.5498456708621612
76 Cost after 740 iterations: 0.5498441258984703
77 Cost after 750 iterations: 0.54984258130451
78 Cost after 760 iterations: 0.5498410370698432
79 Cost after 770 iterations: 0.5498394931840397
80 Cost after 780 iterations: 0.5498379496366758
81 Cost after 790 iterations: 0.5498364064173339
82 Cost after 800 iterations: 0.549834863515603
83 Cost after 810 iterations: 0.5498333209210776
84 Cost after 820 iterations: 0.5498317786233586
85 Cost after 830 iterations: 0.5498302366120521
86 Cost after 840 iterations: 0.5498286948767696
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 87 Cost after 850 iterations: 0.549827153407128
 88 Cost after 860 iterations: 0.5498256121927495
 89 Cost after 870 iterations: 0.5498240712232613
 90 Cost after 880 iterations: 0.5498225304882951
 91 Cost after 890 iterations: 0.5498209899774871
 92 Cost after 900 iterations: 0.5498194496804786
 93 Cost after 910 iterations: 0.5498179095869141
 94 Cost after 920 iterations: 0.5498163696864433
 95 Cost after 930 iterations: 0.5498148299687189
 96 Cost after 940 iterations: 0.5498132904233981
 97 Cost after 950 iterations: 0.5498117510401409
 98 Cost after 960 iterations: 0.5498102118086114
 99 Cost after 970 iterations: 0.5498086727184766
100 Cost after 980 iterations: 0.5498071337594062
101 Cost after 990 iterations: 0.5498055949210735
102 Cost after 1000 iterations: 0.5498040561931541
103 ´Train cost: 0.5498039023260375
104 Train accuracy: 76.10694533980254%
105 Dev cost: 0.5525174564906702
106 Dev accuracy: 75.87189577961732%
107 Result exported.
108
109 Process finished with exit code 0
110
```