

**CMPS 142 — Spring Quarter 2017 – Homework 1**  
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**Solution to Problem 1**

**2 - Linear Regression in Weka**

**a.)** Root Mean Squared Error: 0.1897

For  $x = [3, 3, 5]$ , our model  $-0.1343(x_1) + 1.8477(x_2) + -0.8966(x_3) + 4.3608 = 5.018$