```
1. Adding x2, FStat = 6.258, pValue = 0.013009

ans = 


Linear regression model:
    y ~ 1 + x2

Estimated Coefficients:
                   Estimate      SE        tStat      pValue 
                   ________    ________    _______    ________

    (Intercept)    -0.09616    0.062511    -1.5383     0.12525
    x2              0.24417    0.097604     2.5016    0.013009


Number of observations: 250, Error degrees of freedom: 248
Root Mean Squared Error: 0.228
R-squared: 0.0246,  Adjusted R-Squared 0.0207
F-statistic vs. constant model: 6.26, p-value = 0.013
1. Adding x2, FStat = 28.7596, pValue = 1.87642e-07

ans = 


Linear regression model:
    y ~ 1 + x2

Estimated Coefficients:
                   Estimate      SE        tStat       pValue  
                   ________    ________    _______    __________

    (Intercept)    -0.24609    0.080122    -3.0715     0.0023675
    x2              0.67089      0.1251     5.3628    1.8764e-07


Number of observations: 250, Error degrees of freedom: 248
Root Mean Squared Error: 0.292
R-squared: 0.104,  Adjusted R-Squared 0.1
F-statistic vs. constant model: 28.8, p-value = 1.88e-07
1. Adding x2, FStat = 35.1741, pValue = 1.0071e-08

ans = 


Linear regression model:
    y ~ 1 + x2

Estimated Coefficients:
                   Estimate      SE        tStat       pValue  
                   ________    ________    _______    __________

    (Intercept)    -0.31619    0.091181    -3.4677    0.00061861
    x2              0.84436     0.14237     5.9308    1.0071e-08


Number of observations: 250, Error degrees of freedom: 248
```

```
Root Mean Squared Error: 0.333
R-squared: 0.124,  Adjusted R-Squared 0.121
F-statistic vs. constant model: 35.2, p-value = 1.01e-08
1. Adding x2, FStat = 32.3245, pValue = 3.6554e-08

ans = 


Linear regression model:
    y ~ 1 + x2

Estimated Coefficients:
                   Estimate       SE        tStat       pValue  
                   ________    ________    _______    __________

    (Intercept)    -0.28978    0.096608    -2.9996     0.0029789
    x2              0.85761     0.15084     5.6855    3.6554e-08


Number of observations: 250, Error degrees of freedom: 248
Root Mean Squared Error: 0.352
R-squared: 0.115,  Adjusted R-Squared 0.112
F-statistic vs. constant model: 32.3, p-value = 3.66e-08
>>
```