**Refer to the following information:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Predictor** | **Coef** | **StDev** |  |  |
| **Constant** | **-150** | **90** |  |  |
| **X1** | **2000** | **500** |  |  |
| **X2** | **-25** | **30** |  |  |
| **X3** | **5** | **5** |  |  |
| **X4** | **-300** | **100** |  |  |
| **X5** | **0.60** | **0.15** |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Source** | **DF** | **SS** | **MS** | **F** |
| **Regression** | **5** | **1,500.00** |  |  |
| **Error** | **15** |  |  |  |
| **Total** | **20** | **2,000.0** |  |  |

**a. Complete the ANOVA table.**

**b.** **Conduct a global test of hypothesis, using the .05 significance level. Can you conclude that any of the net regression coefficients are different from zero?**

**c. Conduct a test of hypothesis on each of the regression coefficients. Could you delete any of the variables?**