1. Given the equation: = 10 + 0.69x1; n =10 and r2 = 0.96, what is the calculated t-statistic and is it significant at the 5 percent level? (Hint: Apply 2 rules)
2. Calculate the coefficient of correlation from the information in (a). Write the Ho and Ha. Then, make a decision about the significance of the coefficient of correlation.
3. What is the in (a)? If SST = 20 in (a), what is the value of SSE and SSR?