- In Part Questions 1 and 2 (based on the SAS results), the students should type their responses onto the WORD document for parts a, b, and d.

-For part c:

Replace first response with the following text:  
Since t-statistic > critical value, reject Ho and accept HA  
OR  
Since t-statistic < critical value, fail to reject Ho

Replace second response with the following text:  
Since P-value < 0.05, reject Ho and accept HA  
OR  
Since P-value > 0.05, fail to reject Ho

Replace third response with the following text:  
Since 95% CI excludes null value, reject Ho and accept HA  
OR  
Since 95% CI includes null value, fail to reject Ho

--\*\*Code1:

For first question

data;

input dbp;

cards;

96

114

125

105

97

96

131

117

107

111

123

;

proc ttest sides=2 alpha=0.05 h0=100;

var dbp;

run;

\*\*\*Code2:

For second question

data;

input gender hr;

cards;

0 71

0 80

0 80

0 75

0 78

0 77

0 81

0 82

1 71

1 81

1 79

1 74

1 73

1 78

1 71

1 74

;

proc ttest;

class gender;

var hr;

run;