**STAT 4510 CH1 Examples**

**data** b120;

input y x;

datalines;

20 2

60 4

46 3

41 2

12 1

137 10

68 5

89 5

4 1

32 2

144 9

156 10

93 6

36 3

72 4

100 8

105 7

131 8

127 10

57 4

66 5

101 7

109 7

74 5

134 9

112 7

18 2

73 5

111 7

96 6

123 8

90 5

20 2

28 2

3 1

57 4

86 5

132 9

112 7

27 1

131 9

34 2

27 2

61 4

77 5

;

**run**;

**proc** **reg** data=b120;

model y=x;

plot y\*x;

**run**;

**data** b121;

input y x;

datalines;

16.0 1.0

9.0 0.0

17.0 2.0

12.0 0.0

22.0 3.0

13.0 1.0

8.0 0.0

15.0 1.0

19.0 2.0

11.0 0.0

;

**run**;

**proc** **reg** data=b121;

model y=x;

plot y\*x;

**run**;