

```
data Insulin;
input week0 week1 week2 week3;
datalines;
31.2 18.4 55.2 69.2
72.0 37.2 70.4 52.0
31.2 24.0 40.0 42.8
28.2 20.0 42.8 40.6
26.4 20.6 26.8 31.6
40.2 32.0 80.4 66.8
27.0 23.0 60.4 62.0
33.4 22.2 65.6 59.2
17.6 07.8 15.8 22.4
;
run;
proc print ;
run;
proc sgplot data=Insulin;
hbox week0;
hbox week1;
run;
proc boxplot;
*The above code will be solve by sir later;
*To fit simple linear regression;
data first;
input x y;
datalines;
05 07
10 8.2
08 8.3
11 10
03 7.2
01 4.3
06 8.8
04 5.8
02 5.7
09 10.1
;
run;
proc print;
run;
proc reg data=first;
model y=x;
title 'Fit simple lineae regression model y on x';
run;
proc reg data=first;
model y=x/ p influence;
run;
```