```
/* */


DATA dat1;
    INPUT X Y;
DATALINES;
11.1  11.14
8.9   12.74
8.8   13.13
8.9   11.51
8.8   12.38
9.9   12.60
10.7  11.13
10.5  11.70
10.5  11.02
10.7  11.41
RUN;

PROC gplot data=dat1;
    plot X*Y;
RUN;


proc reg data=dat1;
    model Y = X;
RUN;


data dat2;
    INPUT X Y;
DATALINES;

23.1 10.5
30.5 14.1
32.0 17.0
35.1 17.4
39.5 23.1
27.6 16.1
37.9 22.8
31.8 18.2
12.4 8.8
24.0 10.5
12.1 10.5
52.2 24.9
32.8 16.7
25.1 12.9
30.4 16.3
31.5 14.9
24.2 12.4
RUN;

PROC REG data=dat2;
    model Y = X;
RUN;
```

```
PROC CORR DATA=dat2 NOSIMPLE;
    VAR Y X;
RUN;
```

```
data dat3;
    INPUT enzyme @;
    DO i = 1 to 4;
        INPUT growth @@; OUTPUT;
    END;
DATALINES;
0 10.8 9.1 13.5 9.2
1000 11.1 11.2 8.2 11.3
5000 5.4 4.6 7.4 5.0
10000 5.8 5.3 3.2 7.5
RUN;
```

```
PROC ANOVA DATA=dat3;
    class enzyme;
    model growth=enzyme;
    MEANS enzyme / TUKEY DUNCAN;
RUN;
```