SAS code for Lesson 1. You can copy and paste the lines of code below into the Program Editor in SAS to run. In the output from Proc Summary, the grand mean will be the value labelled as \_Type\_=0 and the treatment level means are those labelled as \_Type\_=1.

data lesson1;

input Fert $ Height;

datalines;

F1 32

F1 30.5

F1 25

F1 27.5

F1 28

F1 28.6

F2 22.5

F2 26

F2 28

F2 27

F2 26.5

F2 25.2

F3 28

F3 27.5

F3 31

F3 29.5

F3 30

F3 29.2

Control 21

Control 19.5

Control 22.5

Control 21.5

Control 20.5

Control 21

;

proc print data=lesson1;

title 'Raw Data for Lesson 1'; run;

proc summary data=lesson1;

class fert;

var height;

output out=output1 mean=mean stderr=se;

run;

proc print data=output1;

title 'Summary Output for Lesson 1';

run;