

## Lab 1

Please provide a program file, a log file and an output file for this Lab

Given the program below, add the necessary statements and modifications to compute four new variables:

- a- Weight in Kilograms (1 kg = 2.2 pounds). Name this variable WtKg.
- b- Height in centimeters (1 inch = 2.54 cm). Name this variable HtCm.
- c- Average blood pressure (call it AveBP) equal to the diastolic blood pressure plus one-third the difference of the systolic blood pressure minus the diastolic blood pressure.
- d- A variable (call it HtPolynomial) equal to 2 times the height squared plus 1.5 times the height cubed.

Here's the program for you to modify:

```
data Prob2;
  input ID$
        Height /* inches */
        Weight /* in pounds */
        SBP /*systolic BP*/
        DBP /* diastolic BP*/;
```

<place your statements here >

```
datalines;

001 68 150 110 70
002 73 240 150 90
003 62 101 120 80
;
title "Listing of Prob2";
proc print data = Prob2;
run;
```