

## Question1

Use admit.sas7bdat on Gaucho Space.

- $$BMI = \frac{mass_{kg}}{height_m^2} = \frac{mass_{lb}}{height_{in}^2} \times 703$$
- 1) Create a new variable BMI( ) in admit dataset and store dataset in work library.
  - 2) Change all value in Name variable to upper case and all value in ActLevel variable to lower case.

## Question2

Enroll below raw data into SAS work library, and display it with DOB in mm/dd/yy format. (Use pointer control)

Amy	12FEB1996	F
Bella	23DEC1995	F

## Question3

Use admit.sas7bdat you created before in work library.

- 1) Create a new variable AgeStatus. If Age is greater than 30, then the AgeStatus for that observation is Middle, otherwise it is Young.
- 2) Create a new variable LevelNew. If one observation's ActLevel is 'high', its LevelNew is 1, otherwise it is 2. Change the value in Name variable to lower case if corresponding LevelNew value is 1. Change the value is AgeStatus value to upper case if corresponding LevelNew value is 2. Display your dataset.