

MAT013 - Example Sheet

SAS: Chapter 3

1. Create the dwarfs data set (see notes) and execute a command that only chooses elements from the data set starting with the letter “D”.

```
Dopey  
Sneezy  
Happy  
Grumpy  
Bashful  
Doc
```

2. Concatenate the “JJJ” and “MMM” data sets.
3. Obtain the elements of the previous data set (concatenation of “JJJ” and “MMM”) for which the age is less than 18.
4. Merge the following data sets:

```
Name, Age  
Billy , 24  
Bob , 23
```

```
Name, Weight  
Billy , 75  
Bob , 80
```

5. Create a single data set that includes the bmi of the observations from the “MMM” and “JJJ” data sets
6. Ensure there are just two type of observations for the variables sex in “MMM” and “JJJ”: “M” or “F”.
7. Create a copy of the concatenated data set (of “JJJ” and “MMM”) with just the names and bmis of every observation.
8. Rename the variable sex as gender in the data sets “JJJ” and “MMM”.
9. Download the file “[birthday_money.csv](#)”, import it and output a data set with a running total as well as a yearly difference.
10. Download the file “[birthdays.csv](#)”, import it and sort the data set by date of birth.

The relevant data can be found [here](#):

- [birthday_money.csv](#)
- [birthdays.csv](#)