Assignment 2

For this assignment you will use the spreadsheet called *Hollywood.xlsx*.

The table has the following columns of data

- ◦ Name (text)
- ◦ Birthname (text)
- ◦ Birthdate (date)
- ◦ Birthplace (text)
- ◦ Deathdate (date)
- ◦ Place of death (text)

Note 1: Actresses that are still alive have #N/A in the last two fields

Note 2: This data is taken from the IMDb web site.

For this assignment you will use functions to do the following:

- add columns for **first name** and **last name**
  (hint: use FIND to find the space in the name. Then use LEFT, RIGHT, and LEN to split the name)

- add a column **is alive**
  (hint: use the function ISNA to check the Deathdate

- add a column **age**.
  (hint: use YEARS to calculate the age. If the actress **is alive** you will need to use TODAY as well. Use IF to check which method to use.)

- add a column that tells if the actor was **born in the US** or not
  (hint: use FIND to find the string 'USA'. Then use ISNUMBER or ISERROR to change the result to TRUE or FALSE)

- add a column to find the **Chinese Zodiac** sign (十二支). You can give the answer as a number from 1-12.
  (hint: use YEAR to find the birthyear of the actress, then use the formula in "Calculations in Spreadsheet" to find the year number 1-12)

BONUS (optional question):

- Use the lookup method to change the Chinese Zodiac number into a year name. Check the data folder in manaba to find a list of the year names.