Exercise 2. The use of the `cbind` function using epidemiological data.

We continue with the deer from Exercise 1. First create variables Farm and Month that contain the relevant information. Note that Farm is a string of characters. Use the `cbind` command to combine month, length, and Tb data, and store the results in the variable, `Boar`. Make sure that you can extract rows, columns, and elements of `Boar`. Use the `dim`, `nrow,` and `ncol` functions to determine the number of animals and variables in `Boar`.

Exercise 3. The use of the `vector` function using epidemiological data.

We continue with the deer from Exercise 1. Instead of the `c`function that you used in Exercise 2 to combine the Tb data, can you do the same with the `vector`function? Give the vector a different name, for example, `Tb2`.

Exercise 4. Working with a matrix.

Create the following matrix in R and determine its transpose, its inverse, and multiple D with its inverse (the outcome should be the identity matrix).

$$D = \begin{pmatrix} 1 & 2 & 3 \\ 4 & 2 & 1 \\ 2 & 3 & 0 \end{pmatrix}$$