1. A and B are atomic vectors and C
2. Two ways you could make data more reproducible:
   1. Make sure everything is labeled properly
   2. Write brief notes at the start of each script including other scripts that needed to be loaded
   3. Make sure files are easily found
   4. Use attributes because they store metadata so well
3. When you modify a level it orders the vectors in the way that you tell it to. It gives characters values.
4. Dim returns a length, you can use this to see if it’s a matrix or an array. Adding a dim() attribute allows atomic vectors to behave like multidimensional arrays
5. Data frame has names, column names and row names

Using as.matrix() on a data frame with several different types of data, will use the hierarchy logical < integer < double < complex. \*\* no idea what this is really meaning\*\*

Yes you can have a data frame with 0 rows, or 0 columns.