Jessica Martinez **Lecture Assignment: DataCamp: Intro to R**

**Variables**

1. Character
2. Numeric
3. Character
4. It would return an error (“non-numeric argument to binary operator”,) because you can’t add two different data types.
5. Variables b1 and c1 are not the same data types. Because it is a decimal value, variable b1 is numeric while c1 is an integer because the sequence are
6. When you add b1 and c1, it returns: 45.6, 46.6, 46.6, 48.6. This means that the code adds the variable b1 to each integer within the sequence of variable c1. Thus, since variable c1 contains the sequence of integers from 0 to 3, variable b1 (45.6) is added to each 0, 1, 2 and 3 individually.

**Vectors**

1. Graphical user interface, application, Word

   Description automatically generated
2. Graphical user interface, application, Word

   Description automatically generated
3. Graphical user interface, application, Word

   Description automatically generated

**Matrices**



Table

Description automatically generated with low confidence



Table

Description automatically generated with medium confidence**Lists**



A picture containing chart

Description automatically generated



Text

Description automatically generated with medium confidence



A picture containing text

Description automatically generated

**Logical Tests and Subsetting**



Text

Description automatically generated



