**A picture containing shape, arrow

Description automatically generatedModule – 1**

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**Problem 1:** Use R to compute the following values.

1. **27(38-17)**

**Ans: 567**

1. **(147­) \* (39)**

**Ans: 4111126656**

1. ****

**Ans: 6.027714**

1. **54%3**

**Ans: 1.62**

1. **54/3**

**Ans: 18**

1. **Find cube of 999**

**Ans:** **997002999**

**Problem 2:** Construct 2 lists containing mentioned data types (Numeric, Character, Complex, Logical, Vector) and do the following…

* 1. Create another list which has a vector as an input inside it.
  2. Find the length and class of the above created list.

**Ans:** For all the above questions I have done in R Programming and the same I have attached along with this file.

**Problem 3:** Create a list of two vectors containing integers (numbers from 1 to 10 in one and 5 to 15 in other)

* Index the 8th element of the first list and 8th element of second list
* Unlist the second back to atomic vectors
* Subset the new list from 6th element to 14th element

**Ans:** For all the above questions I have done in R Programming and the same I have attached along with this file.

**Problem 4:** Create a list of 5 states having state name as variable name and number of covid-19 cases as its values.

1. Access a few values through its variable name use $ to do so.
2. Find the class and length of the list
3. Subset the third state and its value.

**Ans:** For all the above questions I have done in R Programming and the same I have attached along with this file.

**Note:** Use R to solve the given problems in the above. After you do so, cut and paste your input and output from R to Word, else you can submit your code file along with the question and the question number. If you are sending it in a word file add numbering in Word to identify each part of each problem. (Do this for every problem from now on.)