1) Please Mention true or false for below statements:
   a) Prescriptive Analytics is used to predict the future outcomes
      Ans: false
      Explanation:
      Descriptive Analytics is used to check what has happened with the historical data
      Predictive Analysis is used to predict what could happen(future outcome) based on the past data trend
      Prescriptive Analytics is used for what must be done based on the past data trend.
   b) Base R packages are installed Automatically
      Ans: True
      Explanation:
      Basic arithmetic operations, input/output can be performed using the base package in R studio.
      If we want to perform specific operations like loading data from database, excel, etc.; install.packages("<Name>") needs to be executed. Then loaded with library("<Name>") to proceed further.

2) What is Recycling of elements in a vector?
   Ans: When an addition operation performed on vectors of two different lengths, the vector of shorter length will automatically repeat its elements to match the length of the longer vector. This is called Recycling of elements in vector.
   Eg: Vector a has 4 elements and vector b has two elements. While doing a + b, b will repeat its two elements to add up with the 4th and 5th element of vector a.

3) Give example of recycling of elements.
   Ans: Please refer the R file submitted