Exercise 6 : Control Structures in R
(Assignment)

1. Write a R program to find the factorial of given number.
2. Write a R program to check number of students who has cleared the exam. Minimum marks for the student to get clear the exam is 50. Marks of 10 students are given as follows.
   Marks<-c(30,35,38,50,57,68,76,23,60,8,45)
3. Write a R program to find Cumulative sum, Cumulative product of the given vector.
4. Write a R program to fill the matrix elements using loops.
   Matrix should be of 10 rows and 2 columns.
5. Import the Insurance data (data is shared) and divide the data in to train and test dataset.
   Train dataset should contain even rows from the original dataset
   Test dataset should contain odd rows from the original dataset
6. Write a loop to find the diagonal elements of any given matrix.
7. Write a loop for Matrix element wise multiplication.
8. Write a loop for calculating mean of odd indexing in the given integer vector
9. Write a loop for calculating mean of odd rows in the given dataframe