**Exercise: Basics of R**

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| **Sr No** | **Task** |
| 1 | Add 3 to 7, multiply 4 and 8, |
| 2 | Test logical statements 12 > 18 and 12+18 = 40 |
| 3 | Type **I HAVE LEARNT R** 3 times |
| 4 | Create a vector name **dear** having 3 items **Bangalore, Kolkata, Mumbai** |
| 5 | Create a vector name **dearer** having 3 items **84, 65, 39** |
| 6 | Create a vector name **dearest** having numbers from **101** to **107** |
| 7 | Access the third item in vector **dear** |
| 8 | Add new city, **Chennai** at 4th place in vector **dear** |
| 9 | Access 2nd & 4th item in vector **dear** |
| 10 | Create a vector name **d** having numbers 4, 5, 6 and another vector **h** having numbers 2, 3, 4. Multiply vector **d** with **h**. |
| 11 | Check numbers **84, 65, 38** in vector **dearer** |
| 12 | Sum the values given in vector **k**, 3, 8, NA, 9 |
| 13 | Create a matrix of order 2 by 2 having all numbers as 1 |
| 14 | Say a vector **w** is having numbers 1, 2, 3, 4, 5, 6. Create a 2 by 3 matrix using this vector **w** |
| 15 | Say a vector **q** is having numbers from 1 to 6. Create a matrix of the order 2 by 3 |
| 16 | Say names of students are stored in vector **names** (names were Alberic, John, Steve, Chris). Their midterm marks are stored in vector **midterm** (87, 89, 93, 95 respectively). Their final marks are stored in vector **final** (92, 94, 95, 98 respectively). Create a data frame name **result** keeping all three vectors in it. |
| 17 | Access second column (i) by the number of column (ii) by name of the column (iii) by $ sign |
| 18 | Two csv files are given to you in the folder name (i) **merge1** (ii) **merge2**. Import files in R |
| 19 | Merge files merge1 and merge2 and give name **tests** |
| 20 | Save the merged data set **tests** at your desktop |