KARPAGAM ACADEMY OF HIGHER EDUCATION
(Deemed to be University)
(Established Under Section 3 of UGC Act 1956)
Coimbatore-641 021
(For the candidates admitted from 2018 onwards)
DEPARTMENT OF COMPUTER SCIENCE, CA & IT

SUBJECT CODE: 18CSP113   SUBJECT NAME: HADOOP-PRACTICAL
SEMESTER   : I   CLASS: I M.SC CS   L T P : 0 0 4

1. Write a program that prints a multiplication table for numbers up to12.
2. Program to check if the input number is prime or not
3. Program make a simple calculator that can add, subtract, multiply and divide using functions
4. Program to check Armstrong Number
5. Implement linearsearch.
6. Implement binarysearch
7. Implement matrices addition , subtraction and Multiplication
8. Fifteen students were enrolled in a course. There ages
   were: 20 20 20 20 20 21 21 21 22 22 22 22 23 23
   23

   i. Find the median age of all students
   under 22 years ii. Find the median age
   of all students

   iii. Find the mean age of all
   students iv. Find the modal
   age for all students

   v.   Two more students enter the class. The age of both students is 23. What
          is now mean, mode and median ?

9. Make visual representations of data using the base, lattice, and ggplot2 plotting systems in R, apply basic principles of data graphics to create rich analytic graphics from available datasets