# Laboratory 2

1. Questions
   1. Write a program to read and perform addition and multiplication of two matrices of order m \* n, add them and display the resultant matrix using functions.
   2. Write a program to read a string and check for palindrome without using string related function (a string is palindrome if its half is mirror by itself eg: abcdcba).
   3. Write a program to perform binary search. Use recursion.
2. Algorithm

2.1 a program to read and perform addition and multiplication of two matrices of order m \* n, add them and display the resultant matrix using functions.

Step1:

Step2:

Step3:

Step4:

Step5:

Step6:

Step7:

Step8:

2.2 a program to read a string and check for palindrome without using string related function

Step1:

Step2:

Step3:

Step4:

Step5:

Step6:

Step7:

Step8:

2.3 a program to perform binary search. Use recursion.

Step1:

Step2:

Step3:

Step4:

Step5:

Step6:

Step7:

Step8:

1. Program

1. Presentation of Results
2. Conclusions

Hence we can see the programs are compiled successfully without any error.