Amrita Vishwa Vidyapeetham, Coimbatore

B. Tech- CSE(CYS), 2nd Semester

20CYS181 – Computer Programming Lab

Lab – 5

1. Write a C program to store 5 values in an array, reverse the array and store value in another array. Print the reversed array.
2. Write a program in C to find the sum of all elements of the array.
3. Write a program in C to count a total number of duplicate elements in an array.
4. Write a program in C to arrange array in ascending order.
5. Write a program in C for addition of two Matrices of same size.
6. Write a program in C for multiplication of two square Matrices.
7. Write a program in C to find transpose of a given matrix.
8. Write a function in C which will take array as an argument and return sum of all elements of that array.
9. Write a function in C which will take a 3x3 matric as argument and print determinant of that matrix.
10. Write a function in C which will take 2 2-D matrices as argument ad print sum of those two matrices.