Assignment 5 - Arrays

1. To reverse an array of int/float
2. To insert an element at a given location of an array
3. Delete a given element in an array
4. Linear search for element
5. Binary search for an element (which one among 3-4 is better and why)
6. Sum and average of array elements
7. Merge two arrays
8. Find largest and smallest in array
9. Union and intersection of elements of two arrays
10. Remove duplicates in an array
11. To add, multiply and transpose of a matrix
12. Sort the array elements in ascending order
13. Rotate array elements (123,231,312)
14. Find mean, median, mode of an array
15. Use functions, loops and arrays to convert a decimal number into (a) binary (b) octal (c) hexadecimal.
16. Implement IEEE 754 standard (a) input a signed float number and print 32 bits (sign-exponent-mantissa) (b) input 32 bit string and get the signed float number.