**Assignment Set 2 [integer Arrays]**

**Batch A**

1. Write a program to identify number of occurrences of a number in an array.
2. Write a program to merge two arrays.
3. Identify the median of an array of elements of length n using bubble sort.
4. Write a program to identify number of even and number of odd numbers in an array of length n.
5. Write a program to read two matrices A and B, and print |A-B|
6. Find the mode of 'n' two digit numbers. Also print the number of occurrence of each number.

**Batch B**

1. Write a program to identify second largest number in an array of length n.
2. Write a program to sort an array in ascending order using merge sort.
3. Write a program to identify numbers in an array that are divisible by 7.
4. Read two ‘n’ dimensional arrays (A&B) and generate an ‘n’ dimensional array(C) in such a way that C[i]=A[i] if A[i]>B[i]else C[i]=B[i] ;for i=1to n
5. Write a program to read a matrix and find the transpose
6. Find the mode of 'n' two digit numbers. Also print the number of occurrence of each number.