ASSIGNMENT 5

DATE OF EXPERIMENT: 28.08.2023

TOPIC: JAVA PROGRAMMING ON ARRAY

1. Write a program to input 10 numbers into an integer array and find the sum of prime numbers only.

2. Write a program to input 10 numbers into an integer array and find the frequency of the largest number.

   For example,

   If array contains

9	89	3	7	89	34	15	16	67	89

   Output should be:

   Frequency of largest number = 3

3. Write a program to input 10 numbers into an integer array and find the position of the largest and the smallest number.

4. Write a program to input numbers into two - 3×3 integer matrices and find their sum and store it in the third matrix.

5. Write a program to input numbers into a 5×5 integer matrix and interchange the largest number with the smallest number and display the modified matrix.

   For example. if the given matrix is:

5	12	13	45	22
17	67	48	19	2
100	17	10	128	79
11	28	156	59	63
72	29	37	59	71

   The resultant matrix should be:

5	12	13	45	22
17	67	48	19	156
100	17	10	128	79
11	28	2	59	63
72	29	37	59	71