Assignment #3

1) Write a generic method in Java that takes an array of any data type and sorts the array in ascending order using any sorting algorithm.

2) Write a generic method in Java that takes any type of an array as input and finds the frequency of each data element.

3) Design a generic Java class having a method that takes an array of any data type and prints all the duplicate elements.

4) Test the functionalities of different java reflection APIs such as getClass(), getMethods(), getConstructors(), getDeclaredMethod(), getDeclaredField(), setAccessible() etc.