SECOND SMALLEST ELEMENT IN THE ARRAY

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//THIS CODE IS WRITTEN BY AYUSH

public class SecondSmallestInArrayExample{

public static int getSecondSmallest(int[] a, int total){

int temp;

for (int i = 0; i < total; i++)

        {

            for (int j = i + 1; j < total; j++)

            {

                if (a[i] > a[j])

                {

                    temp = a[i];

                    a[i] = a[j];

                    a[j] = temp;

                }

            }

        }

       return a[1];//2nd element because index starts from 0

}

public static void main(String args[]){

int a[]={1,2,5,6,3,2};

int b[]={44,66,99,77,33,22,55};

System.out.println("Second smallest: "+getSecondSmallest(a,6));

System.out.println("Second smallest: "+getSecondSmallest(b,7));

}}