*/\*\**

*\* Question 1: answer, Inserting a value at a specified index.*

*\* @ Sadegh Babapour*

*\*/*

public class ArrayFunk {

public static float[] insertAt(float [] *array*, float *value*, int *index1*) {

float[] placeholder = new float[array.length + 1];

if (index1 > array.length) {

System.out.println("Can not be greater than array length");

} else if (index1 < 0) {

System.out.println(" Can not be less than 0");

}

else {

int i;

for (i = 0; i < index1; i++) {

placeholder[i] = array[i];

}

placeholder[index1] = value;

int j;

for (j = index1+1; j < array.length + 1; j++) {

placeholder[j] = array[j - 1];

}

}

System.out.println("sfdsgdh");

return placeholder;

}

public static void main(String[] *args*){

float [] arr = {5.0f, 144.0f, 68.0f, 666.0f, 789.0f, 924.0f, 124.0f, 635.0f};

float val = 2018.0f;

int index = 8;

arr = insertAt(arr,val,index);

for (int k=0; k < arr.length; k++)

System.out.println(arr[k]);

}

}

*/\*\*Question 2*

*\* Sawpping array Elements.*

*\* @Sadegh\_Babapour*

*\*/*

public class SawpArrays {

public static void swap(float[] *arr1*,float[] *arr2*){

int i;

float [] t = new float[arr1.length];

if (arr1.length != arr2.length) {

System.out.println("The arrays should have same length!");

}

else {

for (i = 0; i< arr1.length; i++) {

t[i] = arr2[i];

arr2[i] =arr1[i];

arr1[i] = t[i];

}

}

}

public static void main(String[] *args*) {

float[] arr1 = {5, 6, 7, 8, 9};

float[] arr2 = {15, 16, 17, 18, 19};

swap(arr1, arr2);

for (int i = 0; i < arr1.length; i++) {

System.out.println("array 1 is " + arr1[i]);

}

System.out.println();

for (int i = 0; i < arr2.length; i++) {

System.out.println("array 2 is " + arr2[i]);

}

}

}

*// Question 3*

public class AllUnique {

public static boolean unique(int[] *arr*) {

int i;

int j;

for (i = 0; i < arr.length; i++) {

for (j = 0; j < arr.length; j++) {

if (arr[i] == arr[j] && i != j) {

return false;

}

}

}

return true;

}

public static void main(String[] *args*) {

int[] arr1 = {4, 6, 8, 1,11,3,6};

int[] arr2 = {1, 3, 7, 5,8};

boolean value = unique(arr1);

System.out.println("arr1 is unique " + value);

value = unique(arr2);

System.out.println("arr2 is unique " + value);

}

}