1. Removing duplicates from an array:

public class Array {  
  
public static void main(String args[]){  
int count = 0 ;  
int [] A = new int[] {1,2,3,4,4,4,4,4,5,5,5,6,5,5,5,5,5,8};  
int c = A.length;  
System.out.println(c);  
System.out.println("Array starts");  
for (int i = 0 ; i< c ; i++){  
for (int j = i+1 ; j < c ; j++) {  
if (A[i] == A[j]) {  
for (int p = j; p < c - 1; p++) {  
A[p] = A[p + 1];  
}  
j= j -1;  
c = c - 1;  
}  
}  
}  
  
for (int i = 0 ; i < c; i++){  
System.out.println(A[i]);  
}