**Problem4:**

public class IndexEqualToElement {  
  
  
 public static void main(String[] args) {  
 int[] arr={1,2,3,0,0,7,6,5};  
 System.*out*.println("Result "+*indexEqual*(arr) );  
 }  
  
 public static boolean indexEqual(int[] arr){  
 int i=0;  
 while(i<arr.length){  
 if(i==arr[i]){  
 return true;  
 }  
 i++;  
  
 }  
 return false;  
 }  
}