

Java

```
class Solution {  
    public int[] arrayRankTransform(int[] arr) {  
  
    }  
}
```

JavaScript

```
/**  
 * @param {number[]} arr  
 * @return {number[]}  
 */  
var arrayRankTransform = function(arr) {  
  
};
```

C++

```
class Solution {  
public:  
    vector<int> arrayRankTransform(vector<int>& arr) {  
  
    }  
};
```

C#

```
public class Solution {  
    public int[] ArrayRankTransform(int[] arr) {  
  
    }  
}
```
