**Java**

```java
class Solution {
    public int[] constructTransformedArray(int[] nums) {

    }
}
```
----------------------------------------------------------------

**JavaScript**

```javascript
/**
 * @param {number[]} nums
 * @return {number[]}
 */
var constructTransformedArray = function(nums) {

};
```
----------------------------------------------------------------

**TypeScript**

```typescript
function constructTransformedArray(nums: number[]): number[] {

};
```
----------------------------------------------------------------

**C++**

```cpp
class Solution {
public:
```

```cpp
    vector<int> constructTransformedArray(vector<int>& nums) {

    }
};
```
--------------------------------------------------------------

**C#**

```csharp
public class Solution {
    public int[] ConstructTransformedArray(int[] nums) {

    }
}
```
--------------------------------------------------------------

**Kotlin**

```kotlin
class Solution {
    fun constructTransformedArray(nums: IntArray): IntArray {

    }
}
```
--------------------------------------------------------------

**Go**

```go
func constructTransformedArray(nums []int) []int {

}
```
--------------------------------------------------------------