Java

```java
class Solution {
    public int[] lexicographicallySmallestArray(int[] nums, int limit) {

    }
}
```

JavaScript

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

};
```

TypeScript

```typescript
function lexicographicallySmallestArray(nums: number[], limit: number): number[] {

};
```

C++

```cpp
class Solution {
```

```
public:
    vector<int> lexicographicallySmallestArray(vector<int>& nums, int limit) {

    }
};
```

C#

```
public class Solution {
    public int[] LexicographicallySmallestArray(int[] nums, int limit) {

    }
}
```

Kotlin

```
class Solution {
    fun lexicographicallySmallestArray(nums: IntArray, limit: Int): IntArray {

    }
}
```

Go

```
func lexicographicallySmallestArray(nums []int, limit int) []int {

}
```
