Java

```java
class Solution {
    public int numberOfAlternatingGroups(int[] colors, int k) {

    }
}
```

JavaScript

```javascript
/**
 * @param {number[]} colors
 * @param {number} k
 * @return {number}
 */
var numberOfAlternatingGroups = function(colors, k) {

};
```

TypeScript

```typescript
function numberOfAlternatingGroups(colors: number[], k: number): number {

};
```

C++

```cpp
class Solution {
```

```
public:
    int numberOfAlternatingGroups(vector<int>& colors, int k) {

    }
};
```

C#

```
public class Solution {
    public int NumberOfAlternatingGroups(int[] colors, int k) {

    }
}
```

Kotlin

```
class Solution {
    fun numberOfAlternatingGroups(colors: IntArray, k: Int): Int {

    }
}
```

Go

```
func numberOfAlternatingGroups(colors []int, k int) int {

}
```
