Java

```java
class Solution {
    public int[] fairCandySwap(int[] aliceSizes, int[] bobSizes) {

    }
}
```

JavaScript

```javascript
/**
 * @param {number[]} aliceSizes
 * @param {number[]} bobSizes
 * @return {number[]}
 */
var fairCandySwap = function(aliceSizes, bobSizes) {

};
```

TypeScript

```typescript
function fairCandySwap(aliceSizes: number[], bobSizes: number[]): number[] {

};
```

C++

```cpp
class Solution {
```

```cpp
public:
    vector<int> fairCandySwap(vector<int>& aliceSizes, vector<int>& bobSizes) {

    }
};
```

C#

```csharp
public class Solution {
    public int[] FairCandySwap(int[] aliceSizes, int[] bobSizes) {

    }
}
```