

LeetCode Solution

The image shows two screenshots of the LeetCode website. The top screenshot displays the submission page for the problem "Best Time to Buy and Sell Stock". It includes a table of submissions and a code editor with a Java solution.

Time Submitted	Status	Runtime	Memory	Language
07/20/2022 23:32	Accepted	3 ms	84.2 MB	java
07/20/2022 23:27	Wrong Answer	N/A	N/A	java
07/20/2022 23:19	Wrong Answer	N/A	N/A	java
07/20/2022 23:18	Compile Error	N/A	N/A	java

```
1 class Solution {
2     public int maxProfit(int[] prices) {
3         if (prices == null || prices.length <= 1)
4             return 0;
5         int profit = 0;
6         int min = prices[0];
7         for (int i = 1; i < prices.length; i++)
8             if (prices[i] < min)
9                 min = prices[i];
10            else
11                profit = Math.max(profit, prices[i] - min);
12        }
13    }
14}
```

The bottom screenshot shows the submission page for the problem "Counting Bits". It includes a table of submissions and a code editor with a Java solution.

Time Submitted	Status	Runtime	Memory	Language
07/21/2022 00:13	Accepted	5 ms	47.2 MB	java

```
1 class Solution {
2     public int[] countBits(int n) {
3         int[] ans = new int[n+1];
4         for (int i = 0; i <= n; i++) {
5             ans[i] = count(i);
6         }
7         return ans;
8     }
9     private int count(int x) {
10        int count = 0;
11        while (x != 0) {
12            x &= x - 1;
13            count++;
14        }
15        return count;
16    }
17}
```