



```
public class Solution
{
    public int[] SortedSquares(int[] nums)
    {
        int n = nums.Length;
}
```

Код:

```
int[] result = new int[n];
        int left = 0;
        int right = n - 1;
        int pos = n - 1;
        while (left <= right)</pre>
            int leftSquare = nums[left] * nums[left];
            int rightSquare = nums[right] * nums[right];
            if (leftSquare > rightSquare)
            {
                result[pos] = leftSquare;
                left++;
            }
            else
                result[pos] = rightSquare;
                right--;
            pos--;
        }
        return result;
    }
}
```