```java
/**
 *
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 */
public class NewClass {

    public static int getLargest(int arr[], int sz) {
        int iterate1 = 0;
        int iterate2 = 0;
        int largest = 0;
        while (iterate1 < sz - 1) {
            iterate2++;
            if (iterate2 == sz) {
                iterate1++;
                iterate2 = iterate1;
                continue;
            }
            int product = arr[iterate1] * arr[iterate2];
            if (product > largest )
                largest = product;
        }
        return largest;
    }
}
```

int iterate 1 —> 1
int iterate 2 —> 1
int largest —> 1
While —> n - 1
Iterate2++ —> n*(n-1)/2
If —> n*(n-1)/2
Iterate1++ —> n-1
int product —> n*(n-1)/2
If —> n*(n-1)/2
return —> 1

n*(n-1)/2 / n^2
O(n^2)

I would put all 20 M&M bags on the scale. At this point, the scale should read 20.1, I would then remove one bag at a time from the scale until the weight drops by more than 1.0 grams. That would allow us to find the one bag that weighs 1.1 grams