

Chapter 8

Exercise 2

```
1. public static int banana(int[] a) {  
    int kiwi = 1;  
    int i = 0;  
    while (i < a.length) {  
        kiwi = kiwi * a[i];  
        i++;  
    }  
    return kiwi;  
}
```

In the array 'a', the values are multiplied. Kiwi is returned when every values in the array is multiplied by itself.

```
2. public static int grapefruit(int[] a, int grape) {  
    for (int i = 0; i < a.length; i++) {  
        if (a[i] == grape) {  
            return i;  
        }  
    }  
    return -1;  
}
```

It is searching for grape as target in the array of 'a'. If the target is found, return target. -1 is returned when the target grape is not found.

```
3. public static int pineapple(int[] a, int apple) {  
    int pear = 0;  
    for (int pine: a) {  
        if (pine == apple) {  
            pear++;  
        }  
    }  
    return pear;  
}
```

In the array, the target apple is searched and for each apple found is added to pear and returns the sum of apples found in the array.