

Quiz #5

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Last_name First_initial HSCS Quiz 5 (example: “Figuerola G HSCS Quiz 5”)

- 1. (40%) Write a function called “int itemCount(int array[], int size, int x)” that returns the number of times that x appears in array.**

Note: Can be 0.

Copy your function only and paste it in the following box:

```
int itemCount(int array[], int size, int x){  
    int count = 0;  
    for (int i = 0 ; i < size ; i++){  
        if(array[i] == x){  
            count++;  
        }  
    }  
    return count;  
}
```

- 2. (30%) Write a function called “void printOnlyEvens(int array[], int size)” that only prints the even numbers inside array.**

Copy your function only and paste it in the following box:

```
void printOnlyEvens(int array[], int size){
    cout << '[';
    for (int i = 0 ; i < size - 1 ; i++){
        if(array[i] % 2 == 0){
            cout << array[i] << ",";
        }
    }
    if(array[size-1] % 2 == 0){
        cout << array[size-1];
    }
    cout << ']' << endl;
}
```

1. (30%) Write a function called “void printExpensiveDishes(string dishes[], float prices[], int size)”, where dishes and prices are arrays of the same size. The function will only print the dishes that cost more than \$20.00.

Copy your function only and paste it in the following box:

```
void printExpensiveDishes(string dishes[], float prices[], int size){
    for (int i = 0 ; i < size ; i++){
        if (prices[i] > 20){
            cout << dishes[i] << " ";
        }
    }
    cout << endl;
}
```