

## Logical:

```
public class SumOfArray {
    public static int sum(int[] arr) {
        int sum = 0;
        for (int i = 0; i <= arr.length; i++) {
            sum += arr[i];
        }
        return sum;
    }
    public static void main(String[] args) {
        int[] arr = {1, 2, 3, 4};
        System.out.println(sum(arr));
    }
}
```

## Syntax:

```
class ParentStatic {
    public static void show() {
        System.out.println("Parent static method");
    }
}
class ChildStatic extends ParentStatic {
    public void show() {
        System.out.println("Child method");
    }
}
public class TestStatic {
    public static void main(String[] args) {
        ChildStatic c = new ChildStatic();
        c.show();
    }
}
```