

# **Defensive Programming Approach**

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## 2. Adopting good programming practices

### **Modularity**

- ➔ Have separate modules for separate functionalities
- ✓ Easier to find security flaws when components are independent

### **Encapsulation**

- ➔ Limit the interaction between the components
- ✓ Avoid wrong usage of the components

### **Information hiding**

- ➔ Hide the implementation
- ⦿ Black box model does not improve security