
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

2. Being security aware programmer

- ✓ Check the inputs, even between components that belongs to the same application (mutual suspicion)
- ✓ Be “fault tolerant” by having a consistent policy to handle failure (managing exceptions)
- ✓ Reuse known and widely used code by using design patterns and existing libraries