

### Safety (a.k.a correctness) vs Security

### Safety

# Satisfy specifications 'for reasonable inputs, get reasonable outputs'

## Security

Resist attacks

"for unreasonable inputs,
get reasonable outputs"

#### The attacker is an active entity

### Safety (a.k.a correctness) vs Security

Safety

Security

Satisfy specifications

"for reasonable inputs, get reasonable outputs"

Resist attacks

"for **un**reasonable inputs, get reasonable outputs"

The attacker is an active entity

### Security Theatre