

Defensive Coding

General Guidelines

Know your
APIs

Attack
Surface

Complexity

Concurrency

Awareness

Unencrypted
Storage

Defensive Coding

General Coding Guidelines

Input
Validation

Character
Conversion

Immutability

Config and
Install

HTTP-GET

Defensive Coding

Java Guidelines

Serial Killer

Exception
Handling

Children

Dead Store
Removal

Cloning

Native
Wrapper

Common Vulnerabilities

Vulnerabilities of this Training (with Examples in Java)

Hardcoded
Credentials

Hashing without
Salt

Integer Overflow

Log
Neutralization

Log Overflow

Open Redirect

Path Traversal

Insecure
Pseudo Random
Number
Generators

Reflection
Abuse

SQL Injection

XML Embedded
DTD

NoSQL Injection

Cross Site
Scripting XSS