# Spring Boot Exception Handling - One Pager Summary

| Concept | Description |
|---|---|
| Exception | An object that indicates an error occurred during program execution. |
| Types | Checked (compile-time), Unchecked (runtime) |
| Common Checked | IOException, SQLException |
| Common Unchecked | NullPointerException, ArithmeticException |
| Keywords | `try`, `catch`, `finally`, `throw`, `throws` |
| throw vs throws | `throw` is used to raise an exception; `throws` declares possible exceptions |
| Custom Exception | Create by extending Exception or RuntimeException |
| Spring Boot Handling | @ControllerAdvice, @ExceptionHandler, @ResponseStatus |
| Best Practice | Handle specific exceptions, use meaningful responses, avoid empty catch blocks |