

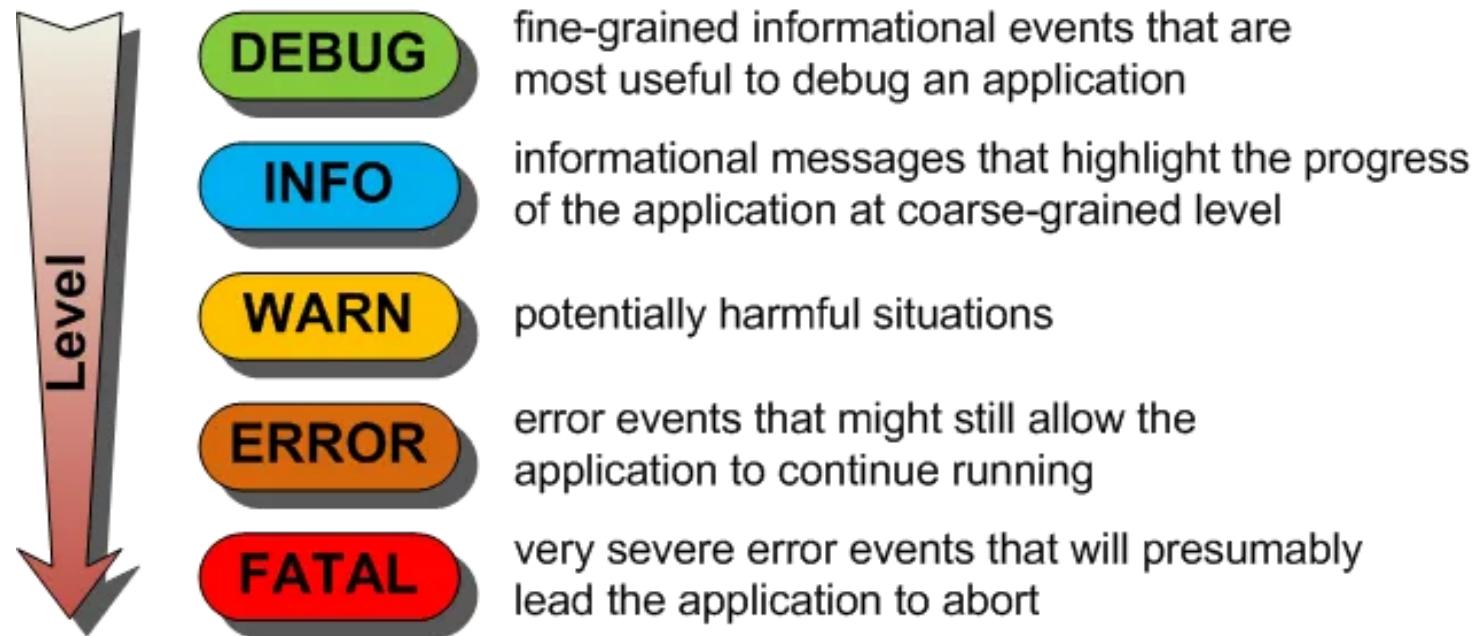
Session 06: Review

Learning goal

- Review
- Evaluate your assignments
- Common mistakes
- Enhance project
 - Logger
 - PMD
 - Exception Handler
- Mock Project
- Questions

Enhance project - Logger

- Logs are also useful to detect common mistakes users make, as well as for security purposes. Writing good logs about a user's activity can alert us about malicious activity.



Enhance project - Logger

```
@RestController
public class LoggingController {

    Logger logger = LoggerFactory.getLogger(LoggingController.class);

    @RequestMapping("/")
    public String index() {
        logger.trace("A TRACE Message");
        logger.debug("A DEBUG Message");
        logger.info("An INFO Message");
        logger.warn("A WARN Message");
        logger.error("An ERROR Message");

        return "Howdy! Check out the Logs to see the output...";
    }
}
```

Enhance project – Exception Handler

```
@RestControllerAdvice
public class GlobalHandlerException {

    @ExceptionHandler({UserNotFoundException.class, UserExistingException.class})
    public ResponseEntity<ErrorResponse> handleUserNotFoundException(RuntimeException e) {
        e.printStackTrace();
        return new ResponseEntity<>(new ErrorResponse(HttpStatus.BAD_REQUEST.value(),
            ZonedDateTime.now(), e.getMessage()), HttpStatus.BAD_REQUEST);
    }

    @ExceptionHandler({Exception.class})
    public ResponseEntity<ErrorResponse> handleUserNotFoundException(Exception e) {
        e.printStackTrace();
        return new ResponseEntity<>(new ErrorResponse(HttpStatus.INTERNAL_SERVER_ERROR.value(),
            ZonedDateTime.now(), e.getMessage()), HttpStatus.INTERNAL_SERVER_ERROR);
    }
}
```

Enhance project - PMD

- [PMD](#) is a source code analyzer to find common programming flaws like unused variables, empty catch blocks, unnecessary object creation, and so forth.



*Keeping up those **inspiration** and the **enthusiasm** in the **learning path**.
Let confidence to bring it into **your career path** for getting gain the **success**
as your expectation.*

Thank you

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Questions and Answers