# [WebTraining9: Type Script (new exercise)](https://confluence.app.iaf/pages/viewpage.action?pageId=33915663)

In this exercise we will create a logging library with the following functionalities:

1. Our logger has the ability to print to a console and/or a file.
2. The logger will have a couple of log levels: info, debug, warning and error.  
   [logger.info](http://logger.info/)(“I’m a logger”);
3. If printing to the console the logger will print with color:  
   Error:red, Warrning:yellow, info:green.
4. We can configure our logger via a configuration file or on creation (constractor).

API:

Methods:

constractor(name,  configuration)

log(level, strings) allow multiple strings to be sent.

info(strings)

warning(strings)

debug(strings)

error(strings)

configuration:

an object with the following parameters:

{ console: Boolean, file: Boolean, colors: Boolean, logLevel: Boolean }

How to use colors:

console.log(‘\x1b[**36**m%s\x1b[0m’, “Hello”) // cyan color

console.log(‘\x1b[**31**m%s\x1b[0m’, “Hello”) // red color

colors:

fgBlack : 30  
fgRed: 31  
fgGreen:32  
fgYellow:33  
fgBlue:34

fgWhite:37