

# Module 4 : Exceptions, Apache Log4j, Regular Expressions

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## Assignment

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## Assignment

1. A class method expects a list of prime integers. If any of the element in the list is not prime then a user defined checked exception for thrown.
  - Write the class that expects a list of prime integers. Make appropriate choices of non-access modifiers.
  - Write the user defined exception.
2. In the module4.Log4jDemo set the logging level to DEBUG and see what happens.
3. In the module4.Log4jDemo set the appender to a non-rolling file only (should not have console and rolling file).
4. Write a class RegexHelper where
  - The inputs will be the
    - Regex expression
    - Input string to parse
  - The inputs will be fetched from the standard input (console).
  - Use the try-with-resources block that we learnt in this module.
  - Handle the ParseException.