**HoskolUtils Library Documentation**

# Overview

HoskolUtils is a reusable Java library that provides basic mathematical operations such as addition, multiplication, and prime checking.

Prerequisites  
  
This library requires JDK 8 or higher. No external dependencies are needed.

# Installation

1. Download the JAR file and add it to your Java project's classpath.  
2. No external dependencies required.

**Usage Example**

Example code:

import com.hoskol.utils.MathUtils;  
  
public class Main {  
 public static void main(String[] args) {  
 int sum = MathUtils.add(3, 4);  
 System.out.println("Sum: " + sum);  
 }  
}

# Repository

<https://github.com/hoskol/HoskolUtils>

**Interface and Implementation**

The library includes an interface named `IMathOperations`, which defines method contracts for basic math operations: addition, multiplication, and prime number checking.

The class `MathOperationsImpl` implements the `IMathOperations` interface and provides the concrete logic for each method. This demonstrates the use of Java interfaces for abstraction and reusability.

# Updated Repository Link

GitHub Repository: https://github.com/hoskol/HoskolUtils

JAR File Access  
  
You can download the compiled `HoskolUtils.jar` from the Releases section of the GitHub repository: https://github.com/hoskol/HoskolUtils/releases  
Alternatively, the JAR file is included in the submission package under the `/lib` folder.