



BIG DATA
DEVELOPMENT

ACADGILD

Session 2: Hadoop Framework Description

Assignment 1

Session 2: Assignment 1

Table of Contents

- [1. Introduction](#)
- [2. Problem Statement](#)
- [3. Output](#)

1. Introduction

This assignment will help you consolidate the concepts learnt in session .

2. Problem Statement

- a. Write a Java code with the class name, “acad,” and a method called “main.” Hard code the program with two integers and print the sum of those two integers.
- b. Rewrite the above code, wherein the inputs are provided by the user at runtime and the output is printed.
- c. Write a program with the method name, “sum()” that accepts two parameters from the user and print the sum of those two numbers. The output format should be:

First number is:

Second number is:

Sum is:

- d. Write a program to accept two numbers from “stdin” and find all the odd as well as even numbers present in between them.
- e. Joe is scared to go to school. When her dad asked for the reason, Joe said that she was unable to complete the task given to her by her teacher. The task was to find the “first 10 multiples” of the number entered from “stdin”.

Example:

Input: 3

O/p:

$$3 \times 1 = 3$$

$$3 \times 2 = 6$$

.....

.....

.....

....

$$3 \times 10 = 30$$

Help Joe in completing the task!

- f. Write a program consisting the method “sum()” and demonstrate the concept of method overloading using this method.
- g. Can you overload a method with the same return type? Explain your answer with proper logic.
- h. Write a program in Java using Arrays, that sorts the element in a descending order.

3. Output

N/A