

# **SCALA - SESSION II**

# Assignment

Student Name: Subham Vishal

Course: Big Data Hadoop & Spark Training

**Assignment 1** –Create a Scala application to find the GCD of two numbers.

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## Introduction

In this assignment, we are going to use **IntelliJ IDE** to create a SCALA application to find GCD of two numbers.

#### Problem Statement

Create a Scala application to find the GCD of two numbers.

#### Task: GCD of two numbers

Before going to create a SCALA application, we will just see the overview of GCD formula.

Greatest Common Divisor (GCD) of two or more integers, which are not all zero, is the largest positive integer that divides each of the integers.

For example, the gcd of 8 and 12 is 4.

## Scala Application using IntelliJ

In the below scala code, we are going to find the gcd of the two numbers 12 and 8.

## Required Output

```
Run GCD

C:\Program Files\Java\jdk1.8.0_144\bin\java" ...

Process finished with exit code 0
```



#### Screen Shot

