Assignment - GroupB(4)

Write a simple program in SCALA using Apache Spark framework

```
import org.apache.spark.sql.SparkSession

object WordCount {
  def main(args: Array[String]): Unit = {
        val spark = SparkSession.builder()
        .appName("Word Count")
        .master("local[*]") // Run locally using all available cores
        .getOrCreate()

        val inputFile = "input.txt" // Input file path
        val textFile = spark.sparkContext.textFile(inputFile)

        val wordCounts = textFile
        .flatMap(line => line.split("\\s+"))
        .map(word => (word, 1))
        .reduceByKey(_ + _)

        wordCounts.saveAsTextFile("output")

        spark.stop()
  }
}
```

input.txt

```
hello world
hello spark
spark is fun
```

Output
Part - 0

```
(is,1)
(hello,2)
(world,1)
```

Part -1

```
(spark,2)
(fun,1)
```