Write a simple streaming program in Spark to receive text data streams on a particular port, perform basic text cleaning (like white space removal, stop words removal, lemmatization, etc.), and print the cleaned text on the screen. (Open Ended Question).

LAB - 10.

Write a simple streaming prgrm in spark text data streams on a particular part perform basic text cleaning & print the cleaned text.

```
def commotize (word : string) : string : word
(match (i) <
        case w if w.end switch (unugh) =>
        w.shyyle (c)
        case => word
>
```

```
val clean text = def (line : string)
=> <
        line to. lowercase
        .re.xeplace. all ("t'a - z "\l sJ", ',')
        .split (" st")
        .map (lematize)
        .makestring ( " ")
>)
```

```
val line = spark. readstream.
val very = ("socket")
        option ("host", " localhost")
        .load()
val .cleaned. ("value")
        query. await remintor )
```

new terminal.

nc - le 9999
tent = this is a good day.

output: Batch 1;
value: This is a good day
cleaned: good day.