Part 2

user_artists.dat:

- userID artistID weight
- 251 13883
- 25211690
- 25311351
- 2 54 10300
- 2558983

Main Steps:

Load the dataset as RDD:

```
> val lines = sc.textFile("YOUR SPARK HOME/user artists.dat")
```

Construct custome data schema:

```
val schema = StructType(colNames.map(fieldName => StructField(fieldName, IntegerType)))
```

Transform the RDD into spark DateFrame:

```
val data = spark.createDataFrame(rowRDD, schema)
```

Get Result by impelmenting spark SQL query on dataframe. Group by artist ID and sum the weight. Order in descending order:

```
val artistW = data.groupBy("artistID").agg(sum("weight"))
val order = artistW.orderBy(desc("sum(weight)"))
```

Show the result dataframe: