Following are the spark-shell commands for assignment of module 7

1. case class ActorDetail(id: Int, actorname: String, genre: String, noofmovies: Int, hits: Int)

val actors = Seq(ActorDetail(1001, "Johnny Lever", "Commedian", 210, 190), ActorDetail(1002, "Amit Mahesh", "New Comer", 2, 1), ActorDetail(1003, "Salman Khan", "SuperStar", 300, 291), ActorDetail(1004, "Johnny Depp", "SuperStar", 289, 270), ActorDetail(1005, "Mallika Sherawat", "Actress", 20, 10), ActorDetail(1006, "Amitabh Bachan", "SuperStar", 350, 300), ActorDetail(1007, "Micheal Bijlu", "New Comer", 4, 1), ActorDetail(1008, "Rocky Angelo", "New Comer", 3, 1), ActorDetail(1009, "Rajani Kanth", "SuperStar", 400, 399), ActorDetail(1010, "Arnold", "SuperStar", 261, 242))

val actorsDataSet = actors.toDS()

1. val actorsDataFrame = sc.parallelize(actors).toDF().repartition(2)
2. actorsDataFrame.show()

actorsDataSet.show(2)

1. actorsDataFrame.printSchema()
2. actorsDataFrame.registerTempTable("actorTable")

val sqlDF = sql("select \* from actorTable where hits >= 250")

sqlDF.show()

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