1. $sudo apt-get install curl
2. $echo "deb https://dl.bintray.com/sbt/debian /" | sudo tee -a /etc/apt/sources.list.d/sbt.list
3. $curl -sL "https://keyserver.ubuntu.com/pks/lookup?op=get&search=0x2EE0EA64E40A89B84B2DF73499E82A75642AC823" | sudo apt-key add
4. $sudo apt-get update
5. $sudo apt-get install sbt
6. $sbt sbt-version
7. Download IntelliJ
8. Extract .gz file
9. ./idea.sh
10. Select Scala plug-in and install
11. Select sbt1.4.0, scala 2.11.12 -> Next -> Project name: myproj1
12. Right click src/main/scala -> New -> Package -> com.spark.scala.learning
13. Right click the package -> scala class -> Select object (Demo1)
14. Goto maven repository -> Get the property for Spark-2.4.7 and Scala-2.11.12

*//package com.spark.scala.learning*

import org.apache.spark.SparkConf

import org.apache.spark.SparkContext

object App1 {

def main(args: Array[String]): Unit = {

val conf = new SparkConf().setMaster("local").setAppName("demoApp")

val sc = new SparkContext(conf)

val rdd1 = sc.makeRDD(*List*(1,2,3,4,5))

rdd1.collect().foreach(*println*)

sc.stop

}

}

Build file

*name* := "myproj1"

*version* := "0.1"

*scalaVersion* := "2.12.3"

*// https://mvnrepository.com/artifact/org.apache.spark/spark-core*

*libraryDependencies* += "org.apache.spark" %% "spark-core" % "3.0.1"

Creating a jar file

View -> Tool Windows -> sbt-shell

In sbt shell

> package (just enter)

The jar file will be loaded in (target) /home/hadoop/IdeaProjects/myproj1/target/scala-2.11/myproj1\_2.11-0.1.jar

spark-submit --master local --deploy-mode client /home/hadoop/IdeaProjects/myproj1/target/scala-2.11/myproj1\_2.11-0.1.jar