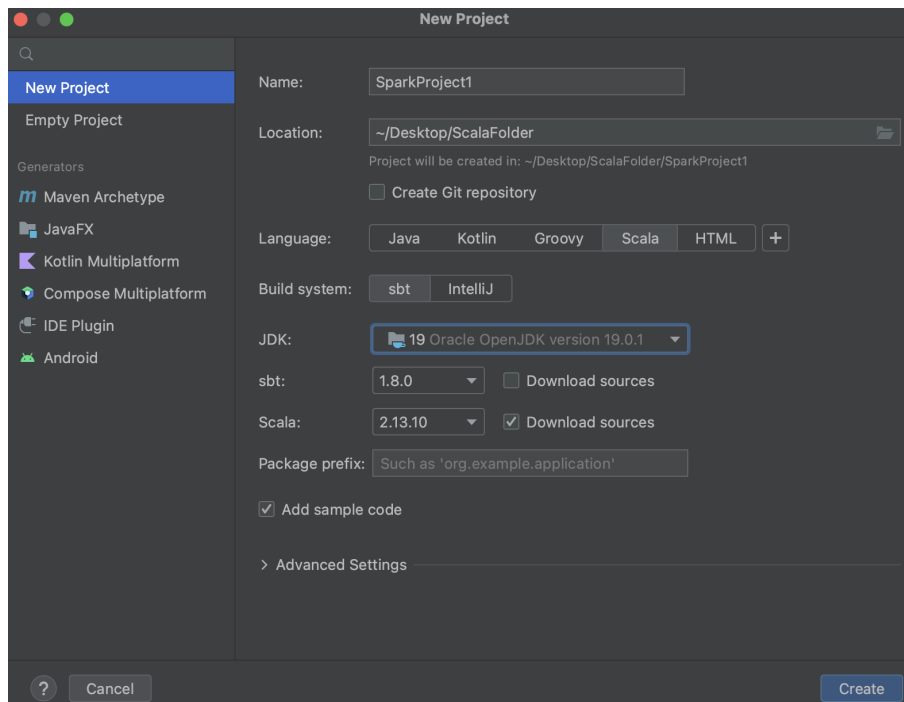Project Configuration for Spark Scala

Step 1 - Create a new project

Step 2 - Configure a sbt file

```
ThisBuild / version := "0.1.0-SNAPSHOT"

ThisBuild / scalaVersion := "2.13.2"

lazy val root = (project in file("."))
  .settings(
    name := "SparkProject1"
  )

val sparkVersion = "3.3.1"
// Note the dependencies are provided
libraryDependencies += "org.apache.spark" %% "spark-core" % sparkVersion
libraryDependencies += "org.apache.spark" %% "spark-sql" % sparkVersion
```

Step 3 - Create a scala object to test the first Spark App

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

object Main {
 def main(args: Array[String]): Unit = {
   println("Hello world!")

   val spark =
SparkSession.builder.master("local").appName("SparkByExample").getOrCreate(
)

   println("First SparkContext:")
   println("APP Name :" + spark.sparkContext.appName)


 }
}
```
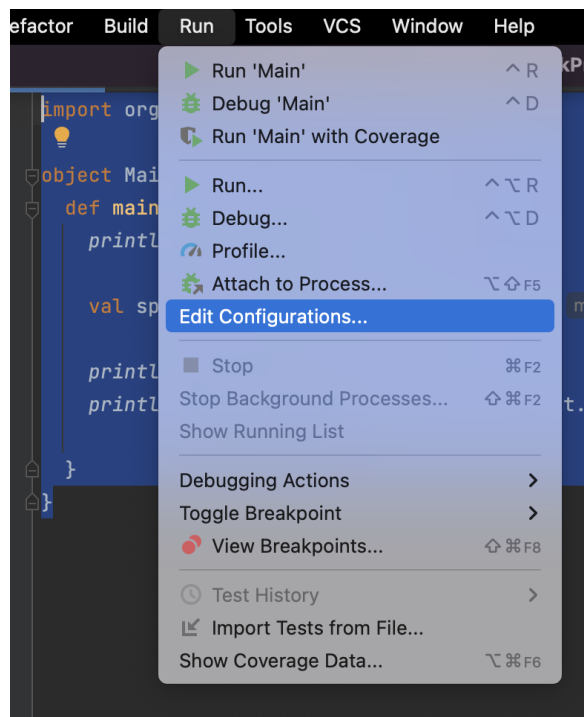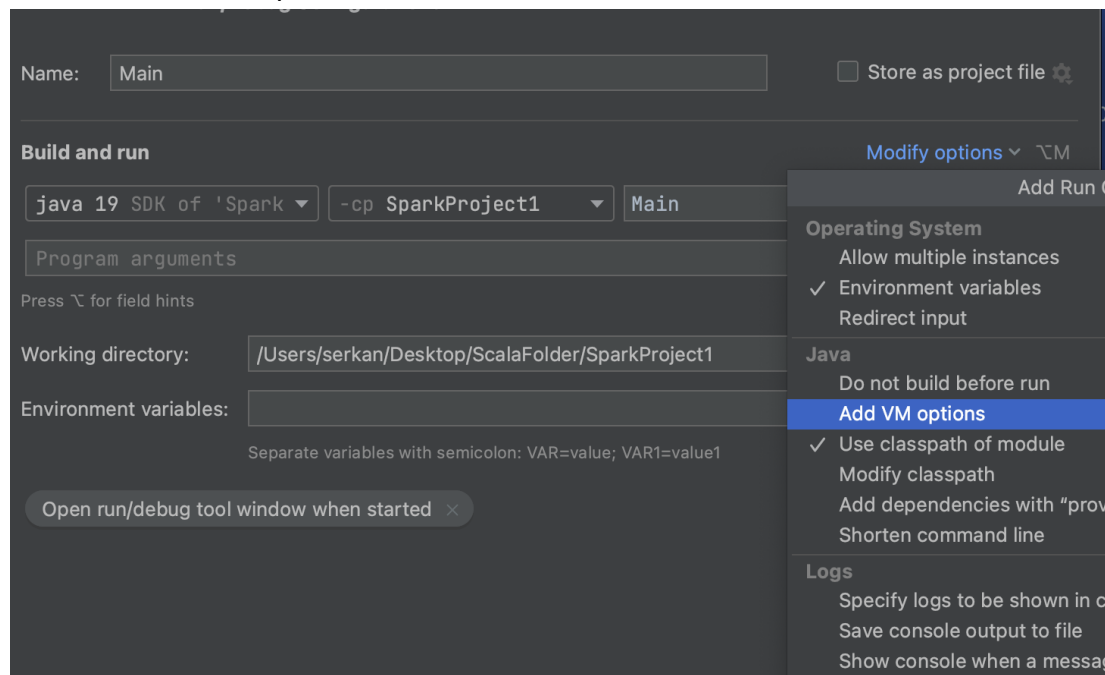
Step 4 - Change the run configuration
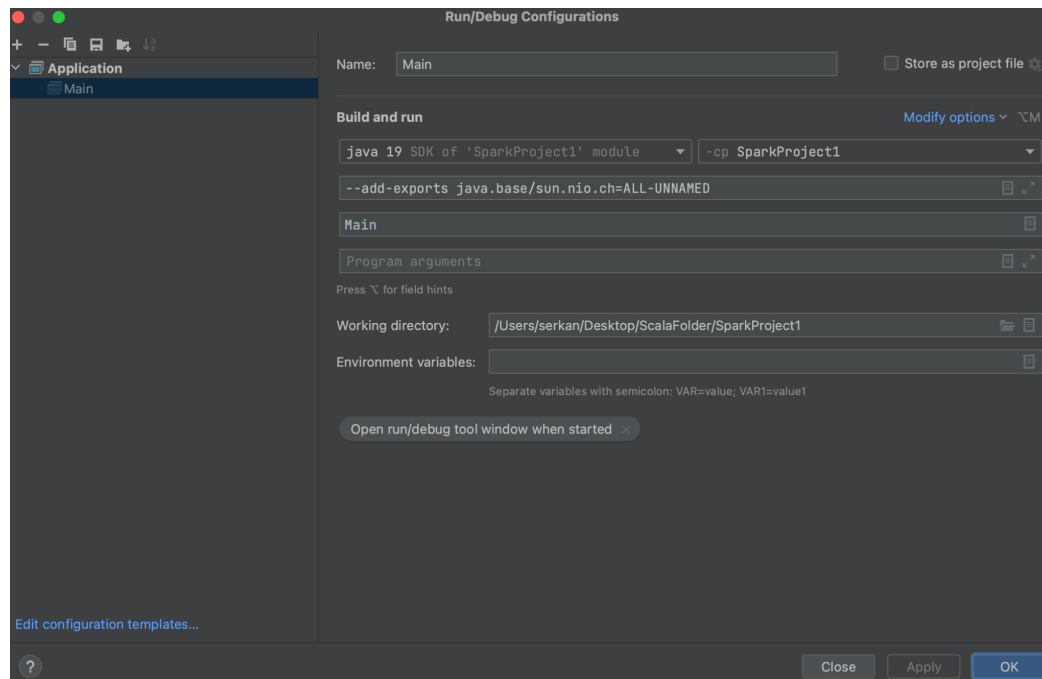
Click to the Edit Configuration

Select the Add VM Option

Add the following line

```
--add-exports java.base/sun.nio.ch=ALL-UNNAMED
```

Run the sample code

```
First SparkContext:
APP Name :SparkByExample
```