LAB-19

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22BTRAD001

```scala
object CommonElementsSetExample {

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

val set1 = Set(1, 2, 3, 4, 5)
val set2 = Set(6, 7, 8)

println("Set1: " + set1)
println("Set2: " + set2)
val common = set1.intersect(set2)
if (common.isEmpty){
  println("There are no common elements")
}
else{
println("Common elements: " + common)
}
}
}
```

STDIN

Input for the program (Optional)

Output:

```
Set1: HashSet(5, 1, 2, 3, 4)
Set2: Set(6, 7, 8)
There are no common elements
```

```scala
object CommonElementsSetExample {
def main(args: Array[String]): Unit = {

val set1 = Set(1, 2, 3, 4, 5)
val set2 = Set(4, 5, 6, 7, 8)

println("Set1: " + set1)
println("Set2: " + set2)

val commonElements = set1.intersect(set2)

println("Common elements: " + commonElements)
}
}
```

STDIN

Input for the program (Optional)

Output:

```
Set1: HashSet(5, 1, 2, 3, 4)
Set2: HashSet(5, 6, 7, 8, 4)
Common elements: HashSet(5, 4)
```

CODE:

```
object CommonElementsSetExample {

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

val set1 = Set(1, 2, 3, 4, 5)
val set2 = Set(6, 7, 8)

println("Set1: " + set1)
println("Set2: " + set2)
val common = set1.intersect(set2)
if (common.isEmpty){
  println("There are no common elements")
}
else{
println("Common elements: " + common)
}
}
}
```

Output:

```
Set1: HashSet(5, 1, 2, 3, 4)
Set2: Set(6, 7, 8)
There are no common elements
```

Github:

https://github.com/AbhinandanSinghParmar/scala