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## SCALA PACKAGE AND IMPORTS: HANDS ON LAB

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By [www.HadoopExam.com](http://www.HadoopExam.com)

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### Topics

1. Scala Package
2. Scala Import

## Packaging and Imports

- Creating a package
- More than one package in a file
- Calling class using package

```
package com.test {

class Person {
def info = println("This is a Person class")
}

class Employee extends Person {
def empInfo = println("This is an Employee class")
}

object test1 extends App {
    val p =new Person;
    val e =new Employee;
    val c =new com.test1.Contractor;

    p.info
    e.empInfo
    c.info
}
}

package com.test1 {

class Contractor{
def info = println("This is a Contractor class")
}
}
```

## Commands

```
scalac test1.scala
scala com.test.test1
```

## Import statements

- You can put import anywhere in Scala
- We can import package, classes and objects

```
class Test {
import scala.util.Random
```

```
import java.util.{List => _, _} //Import everything other than List
import java.math._ //import everything
val r = new Random()
println(r.nextInt)
}

val t = new Test
```

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