Java Package

A **java package** is a group of similar types of classes, interfaces and sub-packages.

Compile a Package

Package in java can be categorized in two form, built-in package and user-defined package.

There are many built-in packages such as java, lang, awt, javax, swing, net, io, util, sql etc.

javac –d . package name.java

Advantage of Java Package

1) Java package is used to categorize the classes and interfaces so that they can be easily maintained.

2) Java package provides access protection.

3) Java package removes naming collision.

The **package** keyword is used to create a package in java.

Ex:-

Compile a package

Javac –d . mypack.java

Compile a program

Javac –d . program name/ class name.java

Run A Program

Java package name .class name

Example

Package

File name: - animal.java

package animals;

interface Animal

{

     public void eat();

     public void travel();

}

Compile a package

Javac –d . animal.java

Program

File name : MammalInt.java

```java
package animals;
public class MammalInt implements Animal
{
        public void eat()
        {
        System.out.println("Mammal eats");
        }
}
public void travel()
{
        System.out.println("Mammal travels");
}
public int noOfLegs()
{
        return 0;
}
public static void main(String args[])
{
MammalInt m = new MammalInt();
m.eat();
m.travel();
}
}
```

Compile program

Javac –d . MammalInt.java

Run a Program

Java animals. MammalInt