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Experiment No: 6

Experiment Title: Program on Packages:

Write a Program to demonstrate user defined Packages

Directory Structure:

D:\JAVACODE\EXPERIMENTS\EXPERIMENT6

```
├──package1
├──package2
│   └──packageA
```

Code:

```
1 // package1/Class1.java
2 package package1;
3 public class Class1
4 {
5     public Class1()
6     {
7         System.out.println("Hello From Class1 from package1");
8     }
9 }
```

```
1 // package1/Class2.java
2 package package1;
3 public class Class2
4 {
5     public Class2()
6     {
7         System.out.println("Hello From Class2 from package1");
8     }
9 }
```

```
1 // package1/Class3.java
2 package package1;
3 public class Class3
4 {
5     public Class3()
6     {
7         System.out.println("Hello From Class3 from package1");
8     }
9 }
```

```
1 // package2/ClassA.java
2 package package2;
3 public class ClassA
4 {
5     public ClassA()
```

```
6 {  
7     System.out.println("Hello From ClassA from package2");  
8 }  
9 }
```

```

1 // package2/package3/Class1.java
2 package package2.packageA;
3 public class Class1
4 {
5     public Class1()
6     {
7         System.out.println("Hello From Class1 from package3");
8     }
9 }

1 // SampleClass.java
2 import package1.*;
3 import package2.ClassA;
4 import package2.packageA.*;
5 class SampleClass
6 {
7     public static void main(String args[])
8     {
9         package1.Class1 c1 = new package1.Class1();
10        Class2 c2 = new Class2();
11        Class3 c3 = new Class3();
12        ClassA cA = new ClassA();
13        package2.packageA.Class1 c31 = new package2.packageA.Class1();
14    }
15 }

```

Output:

```

Hello From Class1 from package1
Hello From Class2 from package1
Hello From Class3 from package1
Hello From ClassA from package2
Hello From Class1 from package3

```