Name: Aum Kulkarni

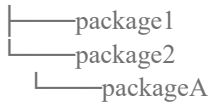**Roll No:** 36

Div: D6AD

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:

```java
// package1/Class1.java
package package1;
public class Class1
{
  public Class1()
  {
    System.out.println("Hello From Class1 from package1");
  }
}
```

```java
// package1/Class2.java
package package1;
public class Class2
{
  public Class2()
  {
    System.out.println("Hello From Class2 from package1");
  }
}
```

```java
// package1/Class3.java
package package1;
public class Class3
{
  public Class3()
  {
    System.out.println("Hello From Class3 from package1");
  }
}
```

```java
// package2/ClassA.java
package package2;
public class ClassA
{
  public ClassA()
  {
    System.out.println("Hello From ClassA from package2");
  }
}
```

```java
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  }
```

```java
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 }
```

```java
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
```