Access Modifier

There are four access modifiers in java:-

1. Private
2. Default
3. Public
4. Protected

Public - The scope of public access modifier is everywhere .If we define any class, method, constructor, interface, etc. as a public then it can be accessed from any other class.

Private -If we define Methods, variables, as a private then it can only be accessed within the declared class itself.The scope of private access modifier is only within the classes.

Protected-if we define any Variables, methods, as a protected in a superclass can be accessed only by subclass in other package or any class within the package of the protected members class. The scope of protected access modifier is within a package and also outside the package through inheritance only.

Default - Default access modifier means we do not explicitly declare an access modifier for a class, field, method, etc.The scope of default access modifier is limited to the package only.