Package and access specifiers

package is a collection of classes and interfaces which have same name but different functionality.

Package is like a directory or folder.

Package are divided into two types.

User defined package

education

school college

Attendance Attendance

Pre defined package

Java provided totally 4 types of access specifiers.

Using access specifier we can assign the visibility or accessibility for class, method and variable within a same package or other packages.

1. private : scope : within a same class.

: using with what : we can use with instance variable, static variable, static method , non static method, and constructor but we can’t use with class as well as local variable.

1. default (nothing) : scope : same package.

: using with what : we can use with all.

1. protected : scope : within same package other package if it is sub class.

using with what : we can use with instance variable, static variable, static method , non static method, and constructor but we can’t use with class as well as local variable.

1. public : scope : within same package as well as other package.

using with what : we can use with instance variable, static variable, static method , non static method, constructor as well as class but we can’t use with local variable.