**Packages** -

In Java, a package is a way to organize classes, interfaces, and other related resources into a hierarchical structure. It provides a mechanism to group related code and avoid naming conflicts between classes with the same name in different packages.

In the above example, the package name is "com.example.myapp". Package names are typically written in reverse domain name notation to ensure uniqueness and avoid conflicts with other packages.

Packages offer a way to organize and manage code in Java, providing encapsulation, access control, and code reusability. They are an essential aspect of Java development, especially in larger projects or when working with libraries and frameworks.

**What is a constructor?**

A constructor is a member function of a class, and its name is same as the name of the class.

When there is no constructor defined inside the class, java complier provides a default constructor in the class. In java, every class has a default constructor. The constructor has no return type. A constructor can be parameterized or overloaded.

In Java, a constructor is a special method that is used to initialize an object of a class. It is called when an instance of the class is created using the **new** keyword. The constructor has the same name as the class and does not have a return type, not even **void**.

Constructors can have parameters or be parameterless.

* Analyzed requirements and designed, developed and implemented software applications for multiple websites.
* Worked with project managers to design and implement scalable solutions
* Reviewed code and debugged errors, improving performance by 25%.