

package :

- * It is a collection of similar classes & interfaces.
- * It is actually a folder in our project or application.
- * In terms of IT industry, we call it a package

package == folder

Industry Std for package : { TCS | ICICI | Login | Login.java }

com. company-name. project-name. module-name. file-name.java;

com.tcs. icici. login. Login.java ;

Jagged Array : 2D array with rows of unequal length

{ for each loop | enhanced for loop }

S Y N T A X [for (date-type var : collection) {

 statements ;

}

{ Access Modifier Table } For Placement Interviews

Name	Inside Class	Outside Class	Inside Package	Outside Package
{ public	Yes	Yes	Yes	Yes
private	Yes	No	No	No
protected	Yes	Yes	Yes	Yes (Inherit)
{ default (not a keyword)}	Yes	Yes	Yes	No

p = package private

* Note : In C++ if we don't mention anything, then the compiler assigns the "private" access specifier.

In Java if we don't mention anything, then the compiler assigns the "default" access modifier.

{ package private }

* Recursion → function calling itself until a base condition is reached.

```
func() {
    func();
}
```

→ Backtracking

fibonacci
factorial

(1 to N)

Dynamic Programming

