

Day-3.2

Agenda

Flow Control

Class

Package

for loop

This is the most commonly used loop to retrieve the data from Array or Collections.

Syntax

```
for ( 1 initial-Section ; 2 conditional-Expression ; 4 increment/decrement 7 ) {  
  
    3 //BODY 6 9  
  
}
```

for each loop

This loop is also called as enhanced for loop . Introduced in 1.5V. Most convent loop to retrieve the data from Array & Collections

Syntax

```
for ( dataType      LocalVariables : SourceVariable  
  
    //BODY  
  
}
```

Diagram illustrating the syntax of the enhanced for loop:

- 1: SourceVariable (Red box)
- 2: LocalVariables (Green box)
- 3: //BODY (White box)

Break

We can use break statement to stop the execution .

Continue

We can use continue statement to skip the current execution & skip for the next execution.

When ever we are writing our own java class compulsory we have to provide information about

Our class to JVM

Whether our class can be accessible from anywhere or not

Whether child class creation is possible for our class or not

Whether instantiation is possible or not .

We can Specify this information by declaring with appropriate modifier . Which is

Public

Final

strictfp

Default

Abstract

It is Encapsulation mechanism to group related class and interface in to single module.

The main purpose of packages are

To Resolve Naming conflict

To provide Security to the class & interface . So that outside person can not access directly

It improve the modularity of the application .

In any JAVA program there should be only at most one package statement

In any JAVA program the first non comment statement should be package statement .