

1. What is Statically Typed and Dynamically Typed Programming Language?

A1. Statically typed: Programming languages are referred to as "Static typed" if the memory of the variable is provided at the time of compilation. Example:- C, C++, and Java.

Dynamically typed: Programming languages are said to as "dynamically typed" if the memory for the variable is provided at the time of execution. Example:- Python, PHP, and JavaScript.

2. What is the variable in Java?

A2. The variable is like a container which is used to store values of different types and it's values can be changed.

3. How to Assign a value to Variable?

A3. `int a = 24;`
`double b = 2.0;`
`String n = "Physics"`

4. What are Primitive data types in Java?

A4. A Primitive data type is predefined by the language and is named by a reserved keyword.

5. What are the Identifiers in Java?

A5. A Identifier is a name given to a package, class, interface, method, or variable. No 2 Identifiers can have same name.

6. List the Operators in Java?

A6. Operators are the expressions which are used to perform certain tasks.

7. Explain about Increment and Decrement operators and give their examples.

A7. Increment and Decrement operators are unary operators which are used to increase or decrease the value of the operand respectively.

Increment operators are of 2 types :-

i Pre-Increment Operators :-

`++a;`

ii Post-Increment Operators :-

`++a;`

Decrement Operators are of 2 types :-

i Pre-Decrement Operators :-

`--a;`

ii Post-Decrement Operators :-

`a--;`