

## 1. What is statically typed and dynamically typed programming language?

**Ans:** Statically typed: If the memory of the variable is given during the compilation time itself then such types of language is called Statically typed.

Dynamically typed : If the memory of the variable is given during the execution time then such type of language is called Dynamically typed language.

## 2. What is variable in java?

**Ans:** It is the temporary memory location where the data is stored with a memory name. The memory name is called Variable.

## 3. How to assign a value to variable?

**Ans:** Type variable\_name = value. Where type is one of the datatype in java , variable name is the name of the variable . Equal sign is used to assign the value to the variable.

## 4. What are primitive data type in java?

**Ans:** boolean, char, byte, short, int, long, float and double are the primitive datatype.

## 5. What are the identifiers in java?

**Ans:** All java variables must be identified with unique name. These unique name is called Identifiers.

## 6. List the operators in java.

**Ans:**

1. Arithmetic Operators.
2. Relation Operators.
3. Logical Operators.
4. Assignment Operators.
5. Unary Operators.
6. Bitwise Operators.

## 7. Explain about increment and decrement operator and give an example.

**Ans:** 1. Increment Operator will add 1 to variable. There are two type Pre and Post.

a. Pre: It will add 1 to variable instantly.

b. Post : It will add 1 to the variable in the next step.

2. Decrement Operator will subtract 1 from our variable. This also two type Pre and Post.

a. Pre : It will subtract 1 from the variable instantly.

b. Post: It will subtract from the variable in the next step.