

1. What is Statically typed and Dynamically typed language?

A: **Statically Typed:** When programmer have to define the data type while writing code, this type of programming language is called Statically Typed programming language.

Ex: C, C++, Java

Dynamically Typed: When compiler automatically consider variable's datatype this type of programming language is called Dynamically Typed Programming language.

Ex: Javascript, Python, PHP.

2. What is variable in Java?

A: Variable in java is basically a name of allocated memory locations, It is like container Which stores the value. Ex: `int age = 25;`

3. How to assign a Value to Variable?

A: `int age = 25;`
`String name = "Prafull";`

4. What are Primitive data types in Java?

A: It includes boolean, char, byte, short, int, long, float and double.

5. What are the Identifiers in Java?

A: It is basically name given to package, class, interface, method and variable.

5. List the operator in Java?

A: Operators in java is given following:

- a. Arithmetic Operator
- b. Relational Operator
- c. Logical Operator
- d. Assignment Operator
- e. Unary Operator
- f. Bitwise Operator

6. Explain about Increment and Decrement Operators and give an example?

A:

These are type of Increment and Decrement:

- Pre Increment: ++a
- Post Increment: a++
- Pre Decrement: --a
- Post Decrement: a--

In Pre and Post Incrementation or Decrementation, If we are doing it on same variable there will be no additional impact, If we are assigning it to some other variable then it will create its impact. Ex: `int res = a++;`