

ASSIGNMENT

JAVA Variables and Data types

Q1.What is statically typed and Dynamically typed Programming Language?

Ans. We can say that Java is statically typed and Python is dynamically typed language; but why?

Let see in java whenever we need to declare any variable we have to mention the data type otherwise get error. But in python whenever we need to declare any variable; there is not any rule to mention the data type. Because of this we can use single variable for multiple type.

Q2.What is the variable in java?

Ans: Not only in java in any programming language variable is work as a container that store data, here data could be intiger, float,char,etc.. and each container allocated a specific memory location to fetch data when it required.

Q3.How to Assign a value to variable?

Ans:

Syntax: `data_type variable_name = value;`

Q4.What are Primitive data types in java?

Ans: Data type whose definition is already known by compiler is known as primitive data types.

Eg:byte,short,int,float..etc.

Q5.List the Operators in Java?

Ans:

Assignment Operators

Logical Operators

Conditionals Operators

Bitwise Operators

Q6.What are the Identifiers in Java?

Ans:

In java Identifiers are the words that have no meaning according to compiler of java. Like name of any variables,function,array,etc.

There is some rule that should be followed to define any identifiers

*It should be start with any alphabet or underscore only.

Q7.Explain about increment and Decrement operators and give an examples.

Ans:

Increment

Increase any number by 1.

a=a++1 Or a++

Decrement

Decrease any number by 1.

a=a-1 Or a--

