ASSIGNMENT-5(27 JAN)

Q. What is Statically typed and Dynamically typed programming language?

Ans- If the memory of the variable is provided at the time of compilation is called statically typed programming language. Ex—Java, C,C++. Whereas if the memory for the variable is provided at the time of execution is called dynamically typed programming language.

Q. What is the variable in java?

Ans- A variable is the name of a memory- allocated reserved area. It may be thought of as the name of a memory location, in other words.

Q. How to assign a value to variable?

Ans- type variable_name = value;

 The variable can be initialized by supplying an equal sign and a value (initialization i.e., assigning an initial value, is optional)

Q. What are Primitive Data types in java?

Ans- A primitive Data type is predefined by the language and is named by a reserved word. It includes Boolean , char, int , long, float and double.

Q. What are Identifiers in java?

Ans- An identifier is a name given to a package , class, interface, method, or variable. All identifiers must have Different names.

Q. List the operators in Java?

Ans- Operators in java can be classified into 6 types:-

Arithmetic Operators, Relational Operators, Logical Operators, Assignment Operators, Unary Operators , Bitwise Operators.

Q. Explain about increment and decrement operators and give an examples.

Ans- Increment operators increase the value of variable by 1, whereas Decrement Operator decreases the value of variable by 1.

For example:- int a=5; a++ \\ it increases the values 5 by 1 and a becomes 6.

                 int a=5; a-- \\ it decreases the values 5 by 1 and a becomes 4.

There are two types of increment/decrement: Pre increment(++a) / post increment(a++)

                                        Pre decrement(--a) / post decrement(a--)