**ASSIGNMENT 3**

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

Statically typed programming languages perform type checking at runtime and Dynamically typed programming languages perform type checking at compile time.

1. **What is the variable in java?**

They are containers for storing data.

1. **How to assign a value to a variable?**

To create a variable, you must specify the type and assign it a value:

datatype variablename=value

1. **What are primitive data types in java?**

A primitive data type specifies the size and type of variable values, and it has no additional methods.

1. **What are identifiers in java?**

All Java variables must be identified with unique names. These unique names are called identifiers.

1. **List the operators in java?**

* Addition
* Subtraction

\* Multiplication

/ Division

% Modulus

++ Increment

- - Decrement

1. **Explain about increment and decrement operators give an example?**

Increment operator is used to increment value by 1 whereas Decrement operator is used to decrement value by 1.

**public** **class** OperatorExample{

**public** **static** **void** main(String args[]){

**int** a=10;

**int** b=10;

System.out.println(a++ + ++a);//10+12=22

System.out.println(b++ + b++);//10+11=21

}}