1. **Statically typed**: if the memory of the variable is given during the compilation time itself then such types of programming languages   are called as "Statically typed" Eg: C++,Java

   Dynamically typed: if the memory of the variable is given

   during the execution time itself then Such types of programming languages are called as "dynamically typed".

   Eg: python,pHp,JavaScript

2. A **variable** is the title of a reserved region allocated in memory. In other words, it may be referred to as the name of a memory location

3. " **int variable_name=value**" to assign the value to a variable

4. **Primitive data type** is predefined by the language and is named by a reserved keyword The primitive data types include boolean,char,byte,short,int,long,float and double

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

6. Operators are used to perform different mathematical calculations, assign values ,relate different values etc.
   - **Arithmetic operator**
   - **Relational operator**
   - **logical operator**
   - **Assignment operator**
   - **Unary operator**
   - **Bitwise operator**

8. Increment and decrement Operator

- o PreIncrement(++a)
- o PostIncrement(a++)
- o PreDecrement(--a)
- o PostDecrement(a--)

EXAMPLE:

```
class Main
{
    public static void main(String[] args)
    {
        int a = 5, int b = 6;
        int c = a++;
        int d = ++a;
        int e = b—-;
        int f = –b;
          System.out.println(c);
          System.out.println(d);
        System.out.println(e);
        System.out.println(f);
    }
}
```