2)1. Study and present

a. type casting in java

In Java, type casting is a method or process that converts a data type into another data type in both ways manually and automatically. The automatic conversion is done by the compiler and manual conversion performed by the programmer. In this section, we will discuss type casting and its types with proper examples.

Type casting

Convert a value from one data type to another data type is known as type casting.

Types of Type Casting

There are two types of type casting:

Widening Type Casting

Narrowing Type Casting

b.What are command line arguments in java?

A command-line argument is an information that directly follows the program's name on the command line when it is executed. To access the command-line arguments inside a Java program is quite easy. They are stored as strings in the String array passed to main( ).

Example

public class CommandLine {

public static void main(String args[]) {

for(int i = 0; i<args.length; i++) {

System.out.println("args[" + i + "]: " + args[i]);

}

}

}Output

args[0]: this

args[1]: is

args[2]: a

args[3]: command

args[4]: line

args[5]: 200

args[6]: -100

c. java keywords and their usage

Java keywords are also known as reserved words. Keywords are particular words that act as a key to a code. These are predefined words by Java so they cannot be used as a variable or object name or class name.

List of Java Keywords

1.abstract: Java abstract keyword is used to declare an abstract class. An abstract class can provide the implementation of the interface. It can have abstract and non-abstract methods.

2.boolean: Java boolean keyword is used to declare a variable as a boolean type. It can hold True and False values only.

3.break: Java break keyword is used to break the loop or switch statement. It breaks the current flow of the program at specified conditions.

4.byte: Java byte keyword is used to declare a variable that can hold 8-bit data values.

5.case: Java case keyword is used with the switch statements to mark blocks of text.