1.public class TypeCastingDemo {

public static void main(String[] args) {

// Implicit Casting (Widening Conversion)

int intValue = 10;

long longValue = intValue;

float floatValue = longValue;

double doubleValue = floatValue;

System.out.println("Implicit Casting: " + intValue + " -> " + longValue + " -> " + floatValue + " -> " + doubleValue);

// Explicit Casting (Narrowing Conversion)

double doubleVal = 10.5;

float floatVal = (float) doubleVal;

long longVal = (long) floatVal;

int intVal = (int) longVal;

System.out.println("Explicit Casting: " + doubleVal + " -> " + floatVal + " -> " + longVal + " -> " + intVal);

}

}

Output: