public class TypecastingDemo {

public static void main(String[] args) {

*// Implicit type casting*

int i1 = 100;

long l1 = i1;

float f1 = l1;

double d1 = f1;

System.out.println("Int value " + i1);

System.out.println("Long value " + l1);

System.out.println("Float value " + f1);

System.out.println("Double value " + d1);

*// Explicit type casting*

double d2 = 2.64598e64;

float f2 = (float) d2;

long l2 = (long) d2;

int i2 = (int) d2;

System.out.println("\nDouble value " + d2);

System.out.println("Float value " + f2);

System.out.println("Long value " + l2);

System.out.println("Int value " + i2);

}

}

**C:\Users\3atha\code\study\oosw\expt-8**

**λ** javac TypecastingDemo.java

**C:\Users\3atha\code\study\oosw\expt-8**

**λ** java TypecastingDemo

Int value 100

Long value 100

Float value 100.0

Double value 100.0

Double value 2.64598E64

Float value Infinity

Long value 9223372036854775807

Int value 2147483647