**Practice Project**

**Assisted Practice: Type Casting**

Type casting is when you assign a value of one primitive datatype to another.

There are two types of type casting in Java: 1. Widening Type Casting (Implicit)

2. Narrowing Type Casting (Explicit)

**Source Code**:

public class TypeCasting {

public static void main(String[] args)

{

int a = 5;

System.out.println(a);

System.out.println("Performing Implicit Type Casting");

long b=a;

System.out.println(b);

float c=a;

System.out.println(c);

double d=a;

System.out.println(d);

System.out.println("Performing Explicit Type Casting");

double x=81.7;

System.out.println(x);

int y = (int)x;

System.out.println(y);

}

}

**Description**: Here I have taken an Integer value and then performed implicit type casting and then a double value to perform explicit type casting.

**GitHub Repository**: https://github.com/vickysmruti/Mphasis\_Training\_Java.git