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ASSISTED PRACTICE PROJECT- 1

TYPE CASTING PROGRAM:

**TypeCastings.java**

class TypeCastings{

public static void main(String[] args){

//implicit type casting

int a=10;char x='A';char s='a';

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

float b=a;

long c=a;

double d=a;

System.out.println("\nBefor type casting " +a);

System.out.println("After type casting to float " +b);

System.out.println("After type casting to long " +c);

System.out.println("After type casting to double " +d);

int y=x;

float t=s;

double u=s;

System.out.println("\nBefore type casting " +x);

System.out.println("After type casting to integer " +y);

System.out.println("\nBefor type casting " +s);

System.out.println("After type casting to float " +t);

System.out.println("After type casting to double " +u);

// Explicit type casting

System.out.println("\nExplicit Tpe Casting");

float a1=150.50f;

int a2= (int)a1;

short a3=130;

byte a4= (byte)a3;

System.out.println("\nBefore explicitly converted " +a1);

System.out.println("After explicitly converted to integer " +a2);

System.out.println("\nBefore explicitly converted " +a3);

System.out.println("After explicitly converted to byte " +a4);

}

}

**OUTPUT**

