

```

package explicit;

public class explicit {

    public static void main(String[] args) {
        // Implicit type casting (widening)
        int numberInt = 50;
        long numberlong=numberInt;
        float numberfloat=numberlong;
        double numberDouble = numberfloat;
        System.out.println("Implicit type casting (widening):");
        System.out.println("numberInt = " + numberInt);
        System.out.println("numberlong = " + numberlong);
        System.out.println("numberfloat = "+ numberfloat);
        System.out.println("numberDouble = "+numberDouble);

        // Explicit type casting (narrowing)
        double numberDoubleN = 121.5;
        float numberfloatN =(float)numberDoubleN;
        long numberlongN=(long)numberfloatN;
        int numberIntN = (int) numberlongN;
        System.out.println("Explicit type casting (narrowing):");
        System.out.println("numberDoubleN = " + numberDoubleN);
        System.out.println("numberfloatN = " + numberfloatN);
        System.out.println("numberlongN = " + numberlongN);
        System.out.println("numberIntN = " + numberIntN);
    }
}

```

Output:

```

Implicit type casting (widening):
numberInt = 50
numberlong = 50
numberfloat = 50.0
numberDouble = 50.0
Explicit type casting (narrowing):
numberDoubleN = 121.5
numberfloatN = 121.5
numberlongN = 121
numberIntN = 121

```