```java
public class typeCasting {

    public static void main(String[] args) {

        //implicit conversion
        System.out.println("Implicit Type Casting");
        char a='A';
        System.out.println("Value of a: "+a);

        int b=a;
        System.out.println("Value of b: "+b);

        float c=a;
        System.out.println("Value of c: "+c);

        long d=a;
        System.out.println("Value of d: "+d);

        double e=a;
        System.out.println("Value of e: "+e);


        System.out.println("\n");

        System.out.println("Explicit Type Casting");
        //explicit conversion

        double x=45.5;
        int y=(int)x;
        System.out.println("Value of x: "+x);
        System.out.println("Value of y: "+y);

    }
}
```

Output

```
Implicit Type Casting
Value of a: A
Value of b: 65
Value of c: 65.0
Value of d: 65
Value of e: 65.0


Explicit Type Casting
Value of x: 45.5
Value of y: 45
```