```java
package demo;
public class typeCasting {
public static void main(String[] args) {
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");
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
```