1.Writing a program in Java to implement implicit and explicit type casting

```
public class TypeCastingExample {
public static void main(String[] args) {
    // Implicit type casting
    int a = 23;
    double b = a; // int is implicitly cast to double
    System.out.println("Value of a: " + a);
    System.out.println("Value of b: " + b);

    // Explicit type casting
    double c = 34.5;
    int d = (int) c; // double is explicitly cast to int
    System.out.println("Value of c: " + c);
    System.out.println("Value of d: " + d);
}
```

OUTPUT: