import java.util.concurrent.atomic.AtomicInteger;

public class AtomicVariableDemo

{

public static void main(String a[])

{

AtomicInteger value = new AtomicInteger(5);

System.out.println("Intial value: " + value.get());

value.getAndIncrement();

System.out.println("After incrementing, the value: " + value.get());

value.set(40);

System.out.println("After setting, the value: " + value.get());

value.getAndDecrement();

System.out.println("After decrementing, the value: " + value.get());

value.compareAndSet(39, 45);

System.out.println("After updating, the value: " + value.get());

}

}