

Answer on Question #538000 - Programming, Java

```
import java.util.Scanner;

public class PinPukCellPhoneChecker {

    private static long pin = 1111;
    private static long puk = 4567225;

    private final static byte maxWrongPIN = 3;//max number of wrong PIN entry attempts
    private final static byte maxWrongPUK = 10;//max number of wrong PUK entry attempts

    private final static String successMessage = "Phone is unlocked\nWelcome";

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);
        long enteredCode;
        boolean unlockPhone = false;

        byte wrongPINattemptsCounter = maxWrongPIN;
        byte wrongPUKattemptsCounter = maxWrongPUK;

        while (!unlockPhone) {

            if (wrongPINattemptsCounter > 0) {
                System.out.println("Enter PIN");
                if (sc.hasNextLong()) {
                    enteredCode = sc.nextLong();
                    if (pin == enteredCode) {
                        unlockPhone = true;
                        System.out.println(successMessage);
                    } else {
                        System.out.println("Wrong PIN\n");
                        wrongPINattemptsCounter--;
                    }
                } else {
                    System.out.println("Wrong format of PIN: " + sc.next());
                    continue;
                }
            } else if (wrongPUKattemptsCounter > 0) {
                System.out.println("Enter PUK.You have " + wrongPUKattemptsCounter + " attempts");
                if (sc.hasNextLong()) {
                    enteredCode = sc.nextLong();
                    if (enteredCode == puk) {
                        unlockPhone = true;
                        System.out.println(successMessage);
                    } else {
                        System.out.println("Wrong PUK\n");
                        wrongPUKattemptsCounter--;
                    }
                } else {
                    System.out.println("Wrong format of PUK:" + sc.next());
                    continue;
                }
            }
        }
    }
}
```

```
    } else {  
        System.out.println("SIM card has been blocked!");  
        break;  
    }  
}  
}  
}
```