

# LATIHAN 15. Logika

```
/**
 *
 * @author Rizki Adam Kurniawan
 */
public class PBO610110269Latihan15Logika {

    public static void main(String[] args) {
        boolean a = true;
        boolean b = false;
        System.out.println("a && b = " + (a && b));
        System.out.println("a || b = " + (a || b));
        System.out.println("!a = " + !a);
        System.out.println("!(a && b) = " + !(a && b));
    }
}
```

Output - PBO6-10110269-Latihan15-Logika (ru

```
run:
a && b = false
a || b = true
!a = false
!(a && b) = true
BUILD SUCCESSFUL
```

# LATIHAN 16. Penugasan

```
int a = 10;
int b = 20;
int c = 0;

System.out.println("Nilai a = " + a);
System.out.println("Nilai b = " + b);
System.out.println("Nilai c = " + c + "\n");

c = a + b;
System.out.println("c = a + b = " + c);
c += a;
System.out.println("c += a = " + c);
c -= a;
System.out.println("c -= a = " + c);
c *= a;
System.out.println("c *= a = " + c);
a = 10;
c = 15;
c /= a;
System.out.println("c /= a = " + c);
```

```
a = 10;
c = 15;
c %= a;
System.out.println("c %= a = " + c);
c <<= 2;
System.out.println("c <<= 2 = " + c);
c >>= 2;
System.out.println("c >>= 2 = " + c);
c >>= 2;
System.out.println("c >>= a = " + c);
c &= a;
System.out.println("c &= 2 = " + c);
c ^= a;
System.out.println("c ^= a = " + c);
c |= a;
System.out.println("c |= a = " + c);
```

Output - PBO6-10110269-Latihan16-Penugasan

run:

```
Nilai a = 10
Nilai b = 20
Nilai c = 0
```

```
c = a + b = 30
c += a = 40
c -= a = 30
c *= a = 300
c /= a = 1
c %= a = 5
c <<= 2 = 20
c >>= 2 = 5
c >>= a = 1
c &= 2 = 0
c ^= a = 10
c |= a = 10
```

BUILD SUCCESSFUL (

