

LAPORAN PRAKTIKUM

LOGIKA INFORMATIKA



DISUSUN OLEH:

EKO RACHMAT SATRIYO (2100018142)

KAMIS 15.00-KELAS C

PROGRAM STUDI TEKNIK INFORMATIKA

FAKULTAS TEKNOLOGI INDUSTRI

UNIVERSITAS AHMAD DAHLAN

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PRAKTEK

```
> with(Logic);
[&and, &iff, &implies, &nand, &nor, &not, &or, &xor, BooleanGraph, BooleanSimplify, Canonicalize, Complement, Contradiction, Dual, Environment, Equivalent, Export,
  Implies, Import, Normalize, Random, Satisfiable, Satisfy, Tautology, TruthTable, Tsettin] (1)
> tautology
tautology (2)
> tautology(b)
tautology(b) (3)
> tautology(b,p)
tautology(b,p) (4)
```

Hasil dokumentasi langkah a

```
> with(Logic);
[&and, &iff, &implies, &nand, &nor, &not, &or, &xor, BooleanGraph, BooleanSimplify, Canonicalize, Complement, Contradiction, Dual, Environment, Equivalent, Export,
  Implies, Import, Normalize, Random, Satisfiable, Satisfy, Tautology, TruthTable, Tsettin] (1)
> tautology
tautology (2)
> tautology(b)
tautology(b) (3)
> tautology(b,p)
tautology(b,p) (4)
> Tautology(&and(a,b) &or (&not a) &or (&not b))
true (5)
```

Hasil dokumentasi langkah a,b,dan c

```
> Tautology((a&iff b)&or b,p)
false (6)
```

Hasil dokumentasi langkah d