Operator precedence

Unit-2

Operator Precedence

1.a=9-12/3+3*2-1

a=?

2. A=2*3+4%5-3//2+6

3. m= 8 &&0||2

4. **X=4^12; X=?**

5. a=2,b=12,c=1

d=a<b>c

6. a=2,b=12,c=1

d=a<b>c-1

Operator precedence

- a=9-12/3+3**2-1
- a=?
- a=9-4+3*2-1
- a=9-4+6-1
- a=5+6-1
- a=11-1
- **a=10**

Operator precedence

- A=2*3+4%5-3//2+6
- A=6+4%5-3//2+6
- A=6+4-3//2+6
- A=6+4-1+6
- A=10-1+6
- A=9+6
- **A=15**

Operator precedence

Find m=?

- m= 8 &&0||2
- 8 = 0000 1000
- 0 = 0000 0000

8&0 = 0000 0000 = 0

- m= 0||2
- **0 = 0000 0000**
- **2 = 0000 0010**

0|2 = 0000 0010 = 2

- **m=2**

Operator precedence

X=4^12; X=?

4 = 0000 0100

12 = 0000 1100

4 ^12 0000 1000 = 8

- X = 8

Operator precedence

a=2,b=12,c=1

- d=a<b>c
- d=2<12>1
- d=1>1
- **d=0**

a=2,b=12,c=1

- d=a<b>c-1
- d=2<12>1-1
- d=2<12>0
- d=1>0
- **d=1**