Agenda

Nested if
If ..else ..if
Types of Errors
Operators
    Conditional Operators
    Increment / Decrement

Case1

1996   leap year $1996\%4==0$ && $1996\%100 !=0$

1994   not a leap $1994\%4==0$ && skip

2000   leap year   Case2 $2000\%400==0$

2100   not a leap year $2100\%4==0$ && $2100\%100 !=0$

1900   not a leap year $1900\%4==0$ && $1900\%100 !=0$

Unary.

++   —   increment — by default value by 1

--   —   decrement — value of operand will be reduced by 1

a++ ; Post increment   a-- ;   Post decrement

++a ;   Pre Increment   --a ;   Pre decrement

When --/++ is applied pre to the operand then solve using rule:
 1. Complete ++/-- operation on operand on which ++/-- is applied
 2. Associate current state of a operand at sequence point on which ++/-- is applied

When --/++ is applied post to the operand then solve using rule:
 1. Associate current state of a operand at sequence point on which ++/-- is applied
 2. Complete ++/-- operation on operand on which ++/-- is applied