

\* int  
 \* double  
 \* bool  
 \* char

} Singleton  
 [X]

int x[10] = {0};  
 x[1] subscripting / indexing

typed struct?  
 double x, y;  
 struct p {1.0, 2.0};  
 mixed type p.x  
 dot operator

DECLARATIONS  
 INITIALIZATION  
 MEMORY

COMPOSITES  
 same type  
 ARRAY

ALGORITHMIC  
 PROBLEM  
 SOLVING

ASSIGNMENT

OPERATORS

PROCESS

MODULAR  
 DESIGN

stio.h  
 math.h  
 stdio.h  
 stdlib.h  
 string.h

FUNCTIONS/  
 PROCEDURES

POINTERS  
 function-at-pr  
 parameter

f(x);

CONTROL FLOW

SEQUENTIAL  
 SELECTION

if..else

REPEITION  
 do..while  
 while

for - count-controlled

var = expr;

x = 10;

Arithmetic

+ \* / %

floating-point / integer

Relational

< > <= >= !=

Logical / Boolean

! && ||

Short-circuit evaluation

RECURSION

- function definition  
 - function abstraction  
 - lexical scope

- pass-by-value (address)

\* cascade of recursive calls

\* ~~unwinding~~ unwinding / unwinding