9-1/	Symbol resolution
	- where is the defn of a symbol
27	
	void foo(); Strong weak
٥٠،٢	int main() {
	fool); fundation for prototype
	3 y (initialized gobal) x (uninitialized)
4/7	
47	ind x; e> typedef
6.6	double y = 3,1; #defixe
4/7	
	47
	int x = 1/2 ablex; (1d a = b = c = c =) = > exe
magicin engographic parameter we depend on the control of the cont	double y; llinty; Rule 1: Only 1 strong defor is allowed,
	void foo () { Rule 2: If Here's I strong and muny weak,
	X = X+y; Use the strong;
	3 Rule 3: If Ostrong and some weak, choose one;
4/7	
	Good C programming:
	- Make strong variable defs -> initialize globals
	- Use 'static' for non-exports
4	- Clients should use 'extern'
	- Write type once for server & client
	L define the variable in a public header
	< example, h>
	#iflef EXAMPLE SERVER
	#define EXAMPLE DEF (var, val) var = val; #else #define EXMPLE DEF (var, val) extension; #endst
	EXAMPLE_DEF(int x , 3)
The state of the s	clein>
	<example.c> #define EXAMPLE SERVER 2</example.c>
	#mclube "example.h"
	c/e,c}

9-24 object files = . o [all-on-nothing]	And Continues to the Continue to the Continues to the Continue to the Continue to the Continues to the Conti
executable - , bin, exe [must have 'main', preed	everything]
archives = , a	Management of the Company of the Com
mathin (on steroin) - define hundreds of funs	
(IOIKB)	
inside of staio.a:	
printfio, scantio, breadio,	
(IKB)	
ld example, o statio, a -o example, bin	-
print >> 2kb	
Id stis, a example, o - fail (no defu of printf)	
ld argo argn	
1. Maintain three sets (E = objects to be merged	
U = unresolved symbols	
D = resolved defins)	
2. For arg; from o to n -	
if arg; is a , o - E' = E v 2 arg; 3	
D' = D v defn (ay;)	
U' = Uv referenced (arg;) - de	fn(arg;)
if arg; is a , a — save U as Vo	
L7 obio obim check if obii defines anything in	V /
(defn(obii) n U + Ø) do	
if U + Vo, do itall again	A STATE OF THE PROPERTY OF T
3. If V isn't empty, then fail and print U	
Y. Combinet into executable/output	
	men monorma anama and anama angula an
le myprogro pkg-config 9tk libs' 2ia 2ia xia 3ia	e e e e e e e e e e e e e e e e e e e
1,a 7,a x,a 3,a	sensen indexense in the control of t
	annonessa sa n'argente sa renna esc a sent n
	ippelalament kransmanna uu uu or een promonen van een kranste kranste kranste kranste kranste kranste kranste

19-3/	Relocation (mapping defins to addresses)
	Inside of example.0 reference to printf at byte 18 defaition of main at byte 36
	V
	main will be dt by te 900 printf's ref will be when then @18 to 1000
	The main job is to find & rewine relocations
	printf ("Helloln");
((0	=> call - printf (-printf not defined)
۵, ۶	=> 0x62 0x71 0x80 0x00 0x00,
	20 call addr
general and a series of the se	add entry m relitext
	struct & int offset; // offset of addr
	int symbol: 24; // ref (printf)
	type: 8; 3 /1 how to compile it
	(32, pm+f (99), call) 11 -> 2: relative
	absolute
	R-386_PC32
	R_386-32
discussioning season is a princip field authority of its old mediuses. If the field is consistent of the consistency of the con	
and the second section of the second section section section sections are sections as the second section secti	

400-01