66 bal Var Vs lical Var 1 lo Cal Var To defined in any fun types Voled Var Argun (hu) Vord man () local \_ sape -> Use time -> men - Seg > Init - Value Sofe C- Long (meder)

LOCAL Non

SGRE => & ? within Block

L'I time => within Pun

mem seg => Stack

Trit- Value => Garbage Value

(n+ x;

hint To local = Automatic Von

[2] Global Van

Les defined outside any fin

SCRe => all the Program

White time => Rum time intx=1;
int x=0; int x:

mem Seg 5. data => initr- (#0)

int- Voice (bss => Not intiov ini- (=0)

	Memory	layout	
	memory		
Rom	<b>&gt; -</b> 1	RAM	
EPRM EPRON	1652	JRAM DRYP	NVRAM
	1.7.	- Vo latíle	
- Nun - Volo - Code - me		- data-n	
- Redony	men (MP)	- Read & u	mite men
		2	
· Stack —	-local w		
· data _	s data -	-> L	
Seg	· bss —	<b>→</b>	

· heap -> DYn- Alkc-

· .text - Cure

=> Re	Cursian
=> It is a	i Situation happens
when al	unction Gus
it Self	
Dive ctry	or In-directy n
Void func ();	man -> 31
Vàd main ()	eV = 7
func();	int fact (int num)
Mayin france	int fact (int num)  Rict  it (num <=1)  return 1;
Stackover Mon	else & return (num * fact (num);

indess Recursion a AUV - Simple Cade » dis Adv > 10 inhalte leap-20 Non-detemisin infinite Loop Normel Loop while (1) j Per : > >

Center- Switch R-> func() -> switch Centell 1) SUSPEND the Current Seg 2 Reard the neturn Add Los load Yug Vansler Cottel to the lon Los Jump => BL (4) excute the him (3) USe the regrew return Add to go bake I hesm the Sosker care is bx \_two inst BL Lable > BL 2 BX V

BX LR

La (text)