CS61 Lecture 10		Ocrower 3
EX Program 1:		
pushq 1.12	. 13	
prshq rrbp	Movl	7. e6x, 7.edi
pusha v.rbx	call	_ ZIgj@ PUT
tistl Yedi, Kedi	addl	1. cax, 7. cbp
je .L4	addl	\$1,7-66x
movl /-edi, /-r/28	cmyl	1.chx, y.r12d
move \$0, %-ebx	inc	. L3
move 90, 1/26p	. ll	
	move	7. 66x, 7. eax
- LU	pop 97	7- rbx
move 1. Ldi, selp		y- rbp
jmp.VI		7. r12
	rut	
regisher allocation		
· tuned off w/ allocatio	<b>"</b> h	
Callee sawd regions	>	
Caller-owned registers	requivakut, V	vhere valuis
Ly Kerpsaved values in	1 tm stack	

Callur-saved register { tquivaturt, when called function can do unature it wants al register

Ly ex: rdi

•	param caliny stave frame				
	rtn addr	- drsp			
	r/2	3.07			
	rbp	†			
		Callet sto	rck space		
			lata hi	an llak nasak	
			high param	callar stack frame	
1			rtn addr	_	
how	1		<i>316</i>	- srbp	
			1/11/		
				(allat stack	
\$rlo	p = 3	rsp	1///1		
	, , , ,	,	1////		
			////	1	
			how	_ = 3730	
X Progr	ram 2 (	bomb)	how	_ 4rsp	
•	ram 2 ( Toxor, y. v	•	'	_ 4rsp	
SVP 1	OXOK, Y. Y	sp: ali	'gnmut	_ 4rsp	
SVP 1	OXOK, Y. Y	•	'gnmut	_ 4rsp	
svb s	0x08,2.8	t big-bool	'gnmut	_ \	
svb s	OXOK, Y. Y	t big-bool	'gnmut	_\	
svb s obje	OXOK, Y. K dwmp -	t big-bool	'gnmut	_\	
svb s obje	OXOK, Y. K dwmp -	sp: ah t big-book lining	'gnmut	_ \	
svbs obje prot-	OXOK, Y. K dwmp - cdvr in (all el	t big-book lining imination	gnment M 1125J		
svbs obje prot-	OXOK, Y. K dwmp - cdvr in (all el	t big-book lining imination	gnment M 1125J	me for 4-bit Object!	

argument registir: rdi
animuatic operations: mus ul hags poinne animuatic dow not
- familianity of code base, finish phase 1