

		execution count (count = 10)	static arith ops	static memory ops	dynamic arith ops	dynamic mem ops	
	sum:						
	.LFB2:						
	.loc 1 2 0						
	pushq %rbp	1	1	1	1	1	Same base pointer
	.LCFI0:				0	0	
int sum(int count)	movq %rsp, %rbp	1	1		1	0	copy stack pointer to base pointer
{	.LCFI1:				0	0	
	movl %edi, -20(%rbp)	1	2	1	2	1	count = %edi; count = -20(%rbp)
int s = 0;	.loc 1 4 0				0	0	
int i;	movl \$0, -8(%rbp)	1	2	1	2	1	s = 0; s = -8(%rbp)
for(i = 0; i < count; i++) {	.loc 1 6 0				0	0	
s += i;	movl \$0, -4(%rbp)	1	2	1	2	1	i = 0; i = -4(%rbp)
}	jmp .L2	1	1		1	0	
}	.L3:				0	0	
return s;	.loc 1 7 0				0	0	
}	movl -4(%rbp), %eax	10	2	1	20	10	load i
}	addl %eax, -8(%rbp)	10	2	1	20	10	eax = i + s
}	.loc 1 6 0				0	0	
}	addl \$1, -4(%rbp)	10	2	1	20	10	i++
}	.L2:				0	0	
}	movl -4(%rbp), %eax	11	2	1	22	11	eax = i
}	cmpl -20(%rbp), %eax	11	2	1	22	11	i < count
}	jle .L3	11	1		11	0	jump less than
}	.loc 1 9 0				0	0	
}	movl -8(%rbp), %eax	1	2	1	2	1	eax = s
}	.loc 1 10 0				0	0	
}	leave	1	2	1	2	1	clean up stack
}	ret	1	1	1	1	1	return
	total static op counts		25	12			
	total dynamic op counts				129	59	