

Answers for 5 different a,b,n

1) a=2, b=8, n=100, Expected Answer: 56

rax	0x1f	31
rbx	0x24	36
rcx	0x0 0	
rdx	0x24	36
rsi	0x0 0	
rdi	0x0 0	
rbp	0x0 0x0	
rsp	0x7fffffffdf90	0x7fffffffdf90
r8	0x2 2	
r9	0x8 8	
r10	0x64	100
r11	0x38	56
r12	0x1 1	
r13	0x0 0	
r14	0x0 0	
r15	0x0 0	

Value of r11 is 56

2) a=3, b=4, n=10, Expected Answer:1

rax	0x0 0	
rbx	0x1 1	
rcx	0x0 0	
rdx	0x1 1	
rsi	0x0 0	
rdi	0x0 0	
rbp	0x0 0x0	
rsp	0x7fffffffdf90	0x7fffffffdf90
r8	0x3 3	
r9	0x4 4	
r10	0xa 10	
r11	0x1 1	
r12	0x1 1	
r13	0x0 0	
r14	0x0 0	
r15	0x0 0	

Value of r11 is 1

3) a=6, b=2, n=4, Expected Answer: 0

rax	0x0 0	
rbx	0x0 0	
rcx	0x0 0	
rdx	0x0 0	
rsi	0x0 0	
rdi	0x0 0	
rbp	0x0 0x0	
rsp	0x7fffffffdf90	0x7fffffffdf90
r8	0x6 6	
r9	0x2 2	
r10	0x4 4	
r11	0x0 0	
r12	0x1 1	
r13	0x0 0	
r14	0x0 0	
r15	0x0 0	

Value of r11 is 0

4) a=17, b=2, n=3, Expected Answer: 1

rax	0x0 0	
rbx	0x1 1	
rcx	0x0 0	
rdx	0x1 1	
rsi	0x0 0	
rdi	0x0 0	
rbp	0x0 0x0	
rsp	0x7fffffffdf90	0x7fffffffdf90
r8	0x11	17
r9	0x2 2	
r10	0x3 3	
r11	0x1 1	
r12	0x1 1	
r13	0x0 0	
r14	0x0 0	
r15	0x0 0	

Value of r11 is 1

5) a=1, b=100, n=5, Expected Answer:1

rax	0x0 0	
rbx	0x1 1	
rcx	0x0 0	
rdx	0x1 1	
rsi	0x0 0	
rdi	0x0 0	
rbp	0x0 0x0	
rsp	0x7fffffffdf90	0x7fffffffdf90
r8	0x1 1	
r9	0x64	100
r10	0x5 5	
r11	0x1 1	
r12	0x1 1	
r13	0x0 0	
r14	0x0 0	
r15	0x0 0	

Value of r11 is 1