3. Lab 5, Question 3

1.

assembly instruction	movl $0x1619,-0xc(%rbp) (main+15)			
Machine instruction (hex)				
Byte number(s)				
field name				
Field value				
Field meaning				
Info source	Page 3-508	Table 2.2	Table 2.2	page 3-508

2.

assembly instruction	movl $-0x10(%rbp), %eax (main+36)		
Machine instruction (hex)			
Byte number			
field name			
Field value			
Field meaning			
Info source	Page 3-508	Table 2.2	page 3-508

3.

assembly instruction	movl %eax, $-0x8(%rbp) (main+42)		
Machine instruction (hex)			
Byte number			
field name			
Field value			
Field meaning			
Info source	Page 3-508	Table 2.2	page 3-508

4.

assembly instruction	movl $0,%eax (main+63)	
Machine instruction (hex)		
Byte number(s)		
field name		
Field value		
Field meaning		
Info source	Page 3-508 and Table 3-1	Table 2.2.

5.

assembly instruction	leavq (main+79)
Machine instruction (hex)	
Byte number(s)	
field name	
Field value	
Field meaning	
Info source	Page 3-461

6.

assembly instruction	movl %rsp, %rbp (main+1)		
Machine instruction (hex)			
Byte number			
field name			
Field value			
Field meaning			
Info source	Table 2.4	Page 3-508	Table 2.2

7.

assembly instruction	push %rbp (main+0)
Machine instruction (hex)	
Byte number	
field name	
Field value	
Field meaning	
Info source	Page 4-274 and Table 3.1