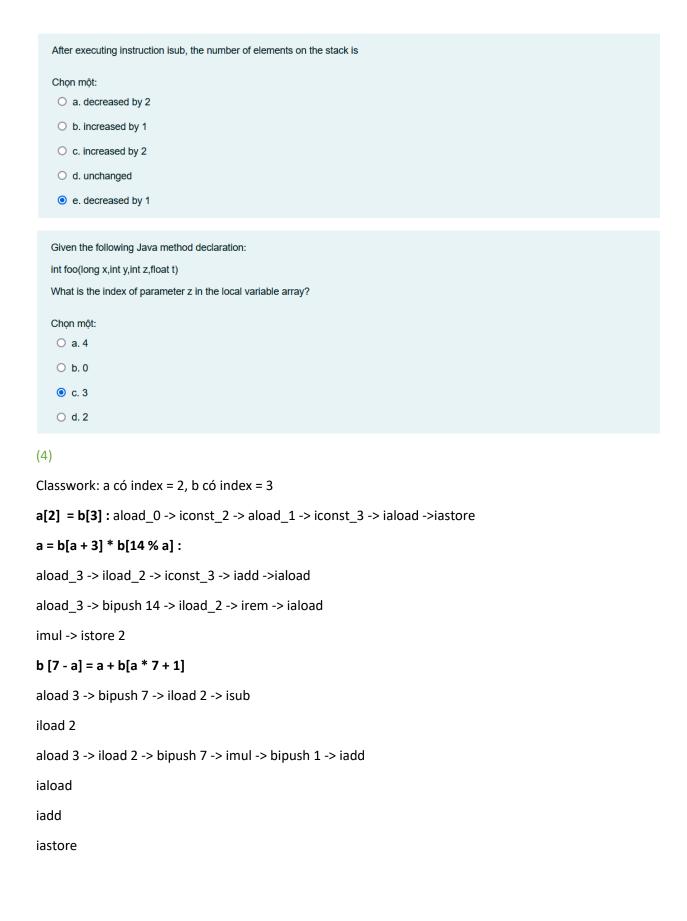
Given the following method invocation:	
x.foo(a*2,b+1), where a and b are in int type, x is an object of VD. What are the elements on the instruction invokevirtual VD/foo(II)V ?	operand stack when executing the
Top of the stack: result of expression b+1 • ,	
Below the top: result of expression a*2	
Bottom: address of x \$\diamsilon\$.	
After the invokevirtual instruction is executed, the number of elements on the operand stack will	decrease by 2 💠

Decrease by 3

Let variable a and b have index int. The following java code: b[3] = a; will be translated into following	2 and 3, respectively, where variable a is in int type and variable b is in array type whose element type is JVM code:
aload_3 \$	
iconst_3 \$	
iload_2 ♦	
iastore \$	

Given the following Java method declaration:
int foo(VD x,boolean y[], float m), where VD is the name of a class.
Write the type of the above function using the rule of JVM?
Trả lời: (LVD;[ZF)I

= a[2];					
ill be translated into fo	ollowing JVM	code:			
aload_2	\$				
iconst_2	\$				
iaload	\$				
istore_3	\$				
Given the following Java	a method ded	claration:			
tatic int foo(long x,int y					
/hat is the index of par		he local variabl	le array?		
			·		
rả lời: 2					
rả lời: 2					
rå lời: 2					
	:				
he following java code	:				
the following java code ew A(2,3)		code:			
The following java code new A(2,3) will be translated into fo		code:			
The following java code new A(2,3)		code:			
The following java code new A(2,3) will be translated into fo		code:			
The following java code new A(2,3) will be translated into for new A		code:			
The following java code ew A(2,3) will be translated into for new A dup iconst 2		code:			
The following java code new A(2,3) will be translated into for new A		code:			
The following java code ew A(2,3) will be translated into for new A dup iconst 2	ollowing JVM	code:			
The following java code lew A(2,3) will be translated into for new A dup iconst 2	ollowing JVM	code:			
The following java code flew A(2,3) will be translated into for flew A dup iconst 2 iconst 3	ollowing JVM				In the second of
The following java code ew A(2,3) vill be translated into for new A dup iconst 2 iconst 3	ollowing JVM	code:	iconst 1	dup	invovespecial A/init(II)V



a = new A(new B(), 2, 3)

new A -> dup

new B -> dup -> invokespecial B/<init>()V

bipush 2

bipush 3

invokespecial A/<init>(LB;II)V

astore 3