

Tarea 1: : Realizar los simuladores “Working with Constructors, Methods and Encapsulation”, “Working with Inheritance” y “Handling Exceptions” y entregar evidencias de cada simulador con calificación aprobatoria.

Working with Constructors, Methods and Encapsulation

Name		Taken on - 30 jul, '24 04:38 PM		Status		Passed 100%	
Correct Answers		19		Total Questions		19	
Time Taken		00:01:54		Total Time		00:40:32	
Start Time		30 jul 24 16:39		Finish/Pause Time		30 jul 24 16:40	
Test Details		Performance Report					
S ...	Marked	Atte...	Result	Exam Objective	Difficulty Le...	Problem Statement	Note
1	✓	✓	✓	06 - Working with ...	Very Easy	static void m2(){ } // 4	
2	✓	✓	✓	06 - Constructors	Easy		
3	✓	✓	✓	06 - Working with ...	Very Easy	public class test{ public int id;	
4	✓	✓	✓	01 - Java Basics - O...	Easy	Which of the following are features of Java?S...	
5	✓	✓	✓	01 - Java Basics - O...	Easy	public void setRadius(int r){ if(r>0) throw new IllegalArgumentException;	
6	✓	✓	✓	01 - Java Basics - O...	Easy	}	
7	✓	✓	✓	06 - Constructors	Very Easy	Given a class named Test, which of these wo...	
8	✓	✓	✓	01 - Java Basics - O...	Very Easy	What is meant by "encapsulation" ?	
9	✓	✓	✓	01 - Java Basics - O...	Easy	Which of the following are benefits of polymo...	
10	✓	✓	✓	06 - Working with ...	Easy	return time*speed ;}	
11	✓	✓	✓	06 - Working with ...	Tough	}	
12	✓	✓	✓	06 - Working with ...	Very Easy	public void showTen(int mvValue){	
13	✓	✓	✓	01 - Java Basics - O...	Very Tough	Identify correct option(s)	
14	✓	✓	✓	06 - Constructors	Easy	public TestClass(int a, int b) { } // 1	
15	✓	✓	✓	06 - Working with ...	Very Easy	a = 20;	
16	✓	✓	✓	06 - Working with ...	Very Easy	package test;	
17	✓	✓	✓	06 - Working with ...	Easy	processStacks (s1,s2);	
18	✓	✓	✓	06 - Working with ...	Very Easy	}	
19	✓	✓	✓	06 - Constructors	Very Easy	}	

Name		Taken on - 30 jul, '24 04:10 PM				Status		Passed 95%	
Correct Answers		19				Total Questions		20	
Time Taken		00:06:27				Total Time		00:42:40	
Start Time		30 jul 24 16:10				Finish/Pause Time		30 jul 24 16:17	
Test Details Performance Report									
S ...	Marked	Atte...	Result	Exam Objective	Difficulty Le...	Problem Statement	Note		
1		✓	✓	06 - Working with ...	Very Easy	a = 20;			
2		✓	✓	06 - Working with ...	Very Tough	public RETURNTYPE methodX(byte by){			
3		✓	✓	01 - Java Basics - O...	Easy	updateArea();			
4		✓	✓	01 - Java Basics - O...	Easy	Which of the following are features of Java?S...			
5		✓	✓	06 - Working with ...	Very Tough	static{			
6		✓	✓	06 - Working with ...	Very Easy	public class test{			
7		✓	✓	06 - Working with ...	Very Easy	public int id;			
8		✓	✓	06 - Working with ...	Easy	Which of the following methods does not ret...			
9		✓	✓	06 - Working with ...	Very Easy	public void showTen(int myValue){ this.myValue = myValue;			
10		✓	✓	01 - Java Basics - O...	Easy	Which of the following are benefits of polymo...			
11		✓	✓	06 - Working with ...	Very Easy	static void m2(){ } // 4			
12		✓	✓	06 - Working with ...	Real Brainer	static DatabaseWrapper getDatabase()			
13		✓	✓	01 - Java Basics - O...	Easy	... other irrelevant code			
14		✓	✓	06 - Working with ...	Real Brainer	}			
15		✓	✓	01 - Java Basics - O...	Tough	short firstValue = 5;			
16		✓	✓	06 - Working with ...	Very Easy	void m1(String x){			
17		✓	✓	06 - Working with ...	Very Easy	Which of the following code fragments are val...			
18		✓	✓	06 - Working with ...	Very Easy	}			
19		✓	✓	06 - Working with ...	Tough	class YYY extends XXX{			
20		✓	✗	06 - Working with ...	Tough	}			

Working with Inheritance

Name		Taken on - 30 jul, '24 09:46 PM				Status		Passed 100%	
Correct Answers		18				Total Questions		18	
Time Taken		00:13:37				Total Time		00:38:24	
Start Time		30 jul 24 21:46				Finish/Pause Time		30 jul 24 21:59	
Test Details		Performance Report							
S ...	Marked	Atte...	Result	Exam Objective	Difficulty Le...	Problem Statement	Note		
1		✓	✓	07 - Working with I...	Easy	}			
2		✓	✓	07 - Working with I...	Very Easy	You are modelling a class hierarchy for living things. You have a class <code>LivingThing</code> which			
3		✓	✓	07 - Working with I...	Very Easy	<code>new TestClass();</code>			
4		✓	✓	07 - Working with I...	Very Easy	<code>class SubClass extends BaseClass{</code>			
5		✓	✓	07 - Working with I...	Tough	}			
6		✓	✓	07 - Working with I...	Easy	<code>try {</code>			
7		✓	✓	07 - Working with I...	Easy	<code>class OrderManager extends OrderComponent{</code>			
8		✓	✓	07 - Working with I...	Very Tough	<code>OrderManager() { ... }</code>			
9		✓	✓	07 - Working with I...	Easy	<code>interface PremiumAccount extends Account{</code>			
10		✓	✓	07 - Working with I...	Tough	<code>... }</code>			
11		✓	✓	07 - Working with I...	Easy	<code>public class TestClass {</code>			
12		✓	✓	07 - Working with I...	Very Easy	Which of the following are valid declarations i...			
13		✓	✓	07 - Working with I...	Tough	<code>B getB(){ return new B(); }</code>			
14		✓	✓	07 - Working with I...	Very Easy	}			
15		✓	✓	07 - Working with I...	Real Brainer	}			
16		✓	✓	07 - Working with I...	Tough	}			
17		✓	✓	07 - Working with I...	Easy	<code>class B extends A{</code>			
18		✓	✓	07 - Working with I...	Easy	}			

Name		Taken on - 30 Jul, '24 08:58 PM		Status		Passed 88%	
Correct Answers		15		Total Questions		17	
Time Taken		00:17:04		Total Time		00:36:16	
Start Time		30 Jul 24 20:58		Finish/Pause Time		30 Jul 24 21:16	
Test Details		Performance Report					
S ...	Marked	Atte...	Result	Exam Objective	Difficulty Le...	Problem Statement	Note
1		✓	✓	07 - Working with I...	Very Easy		
2		✓	✓	07 - Working with I...	Very Tough		
3		✓	✗	07 - Working with I...	Real Brainer	public class B extends A{	
4		✓	✓	07 - Working with I...	Tough	public class TestClass {	
5		✓	✓	07 - Working with I...	Very Tough	protected int m1(){ return 0; }	
6		✓	✓	07 - Working with I...	Very Easy	}	
7		✓	✓	07 - Working with I...	Very Easy	and the following object instantiations:	
8		✓	✗	07 - Working with I...	Easy	int k = intValue; //3	
9		✓	✓	07 - Working with I...	Very Easy	Integer i = intValue; //4	
10		✓	✓	07 - Working with I...	Easy	new TestClass();	
11		✓	✓	07 - Working with I...	Very Tough	public void methodA(){	
12		✓	✓	07 - Working with I...	Easy	Runnable.)	
13		✓	✓	07 - Working with I...	Very Easy	List students = new ArrayList();	
14		✓	✓	07 - Working with I...	Very Tough	interface PremiumAccount extends Account{	
15		✓	✓	07 - Working with I...	Easy	class AA extends A {	
16		✓	✓	07 - Working with I...	Easy	class B extends A{	
17		✓	✓	07 - Working with I...	Easy		

Handling Exceptions

Name		Taken on - 31 jul, '24 04:23 PM				Status	Passed 100%
Correct Answers		9				Total Questions	9
Time Taken		00:07:30				Total Time	00:19:12
Start Time		31 jul 24 16:23				Finish/Pause Time	31 jul 24 16:31
<div>Test Details</div> Performance Report							
S ...	Marked	Atte...	Result	Exam Objective	Difficulty Le...	Problem Statement	Note
1		✓	✓	08 - Handling Excep...	Very Easy	// in file D:\java public class Test01 { throws MyException	
2		✓	✓	08 - Handling Excep...	Tough	int[] dear = new int[7];	
3		✓	✓	08 - Handling Excep...	Tough	2. void printMe(Object[] oa) {	
4		✓	✓	08 - Handling Excep...	Easy	public void myMethod() throws XXXX{	
5		✓	✓	08 - Handling Excep...	Tough	Java's Exception mechanism helps in which of...	
6		✓	✓	08 - Handling Excep...	Tough	}	
7		✓	✓	08 - Handling Excep...	Easy	public static void m2() {	
8		✓	✓	08 - Handling Excep...	Easy	try{	
9		✓	✓	08 - Handling Excep...	Very Easy	} catch (Exception e) { //	

Name	Taken on - 31 jul, '24 04:49 PM				Status	Passed 100%	
Correct Answers	9				Total Questions	9	
Time Taken	00:05:27				Total Time	00:19:12	
Start Time	31 jul 24 16:49				Finish/Pause Time	31 jul 24 16:54	
<div>Test DetailsPerformance Report</div>							
S ...	Marked	Atte...	Result	Exam Objective	Difficulty Le...	Problem Statement	Note
1		✓	✓	08 - Handling Excep...	Easy	try { throw new Exception("Some	
2		✓	✓	08 - Handling Excep...	Tough	Exception");	
3		✓	✓	08 - Handling Excep...	Very Easy	} catch (Exception e) { //	
4		✓	✓	08 - Handling Excep...	Very Easy	}	
5		✓	✓	08 - Handling Excep...	Very Easy	public static void main(String args[]) {	
6		✓	✓	08 - Handling Excep...	Tough	Checked exceptions are meant for...	
7		✓	✓	08 - Handling Excep...	Tough	6. System.out.println(e);	
8		✓	✓	08 - Handling Excep...	Easy	} catch (Exception e) {	
9		✓	✓	08 - Handling Excep...	Tough	static void doTest() throws	