

Level 0 - Exam Grading Rubric

Name: _____ Student Score: _____ out of 71 = _____ %

Skill	Answer	Rubric	Score
Q1. Variable Types	String	correct type	___ / 1
		Java syntax: code will compile	___ / 1
Q2. Variable Types	int	correct type	___ / 1
		Java syntax: code will compile	___ / 1
Q3. Variable Types	char	correct type	___ / 1
	or String (half point)	Java syntax: code will compile	___ / 1
Q4. Variable Types	double	correct type	___ / 1
	or int (half point)	Java syntax: code will compile	___ / 1
Q5. Variable Types	boolean	correct type	___ / 1
		Java syntax: code will compile	___ / 1
			=====
Total:			___ / 10

Skill	Answer	Rubric	Score
Q6. Compound if condition	x<=10 && y>15	correct x condition test (x<=10)	___ / 1
		correct logical operator (&&)	___ / 1
		correct y condition test (y>15)	___ / 1
Q7. Java syntax	3 pairs of braces	class {}	___ / 1
		main method {}	___ / 1
		if statement {}	___ / 1
Q8. String joins	String name = "my name";	String variable initialized	___ / 1
	System.out.println(name);	correct print statement	___ / 1
	"My name is " + name	message and variable joined (+)	___ / 1
	name + " and I like coding"	variable and message joined (+)	___ / 1
=====			
Total:			___ / 10

Skill	Answer	Rubric	Score
Q9. modulo	x%2	correct modulo syntax	___ / 1
	==0	remainder check	___ / 1
		Java syntax: code will compile	___ / 1
Q10. Random	new Random()	create a random object	___ / 1
	nextInt(50)	get random int < 50	___ / 1
	+50	add 50 to random number	___ / 1
	int num=	place answer in int variable	___ / 1
Q11. String equality check	today.equals("Tuesday")	Java syntax: code will compile	___ / 1
	today.equals("Wednesday")	Java syntax: code will compile	___ / 1
		correct String values	___ / 1
			=====
Total:			___ / 10

Skill	Answer	Rubric	Score
Q12a. Use an input dialog	JOptionPane.showInputDialog("");	uses JOptionPane.showInputDialog correctly	___ / 1
	String age =	String variable captures input	___ / 1
		Java syntax: code will compile	___ / 1
12b. String-to-int conversion	Integer.parseInt(age)	string converted to int	___ / 1
	int ageNum	int variable captures output	___ / 1
	ageNum+1	int variable incremented	___ / 1
		Java syntax: code will compile	___ / 1
12c. Use an output dialog	JOptionPane.showMessageDialog(null,"");	Use JOptionPane.showMessageDialog correctly	___ / 1
	"you are "+ageNum	message and variable joined (+)	___ / 1
	ageNum+" years"	variable and message joined (+)	___ / 1
		Java syntax: code will compile	___ / 1
			=====

Skill	Answer	Rubric	Score
Q13. Understanding Processing	200	parameters of ellipse	____ / 1
	50	parameters of ellipse	____ / 1
	red (or 255,0,0)	RGB color and fill	____ / 1
	down	reading code and x,y plotting	____ / 1
Q14. Reading code and finding errors	int x = 0;	Line 1: initialize and semi-colon needed.	____ / 1
	if (x==y)	Line 3: change = to ==	____ / 1
	x+=1 OR x = x+1 OR x++;	Line 5: increment x	____ / 1
	remove if OR add a condition to if	Line 7: fix else if syntax	____ / 1
Q15. for loops	for (int i=10;	initialize counter	____ / 1
	i>=0;	loop condition	____ / 1
	i--)	loop modifier	____ / 1
	i	print loop variable	____ / 1
			=====
Total:			____ / 12

Skill	Answer	Rubric	Score
Q16. calling methods with parameters	echo("echo",5);	use method name echo	____ / 1
	"echo"	first parameter is String "echo"	____ / 1
	5	second parameter is int 5	____ / 1
		Java syntax: code will compile	____ / 1
Q17. for loops and modulo	for (int i=100;	initialize counter	____ / 1
	i<=500;	loop condition	____ / 1
	i++ OR i+=2	loop modifier	____ / 1
	if (i % 2 == 0) {}	correct use of modulo and if statement	____ / 1
	System.out.println(i)	print loop variable	____ / 1
			Java syntax: code will compile
			____ / 1
			=====

Total: ____ / 10

Skill	Answer	Rubric	Score
Q18. Reading code, if / else statements	dogs	if condition met	____ / 1
	pigeons	if condition not met	____ / 1
	spiders	code outside of if/else block	____ / 1
	subtract 1 for wrong answers		
Q19. Writing methods with parameters	void	correct return type	____ / 1
	doubleNumber	correct method name	____ / 1
	(int num)	correct parameter type	____ / 1
	{System.out.println(num*2);}	correct method body	____ / 1
		Java syntax: code will compile	____ / 1
			=====
Total:			____ / 8