Post- Student Evaluation Test

Comparison of visual programming and hybrid programming environments in programming transfer skills

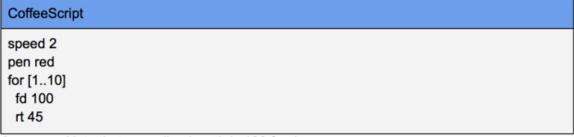
* Required

1.	Student email *
2.	Your team name: Mark only one oval.
	Team1: Study programming concept with Block-based
	Team2: Study programming concept with Hybrid based.

Questions

Answer all question bellow

3. 1- For the following code what you think Tortoise will draw *



Answers: Note that every line length is 100 feeds

Α	В	С	D

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- () A

- () D

Questions

4. 2- For the following code what is the output *

CoffeeScript
x=7 y=4 y = x-1 x = x + 3 write 'x is equal to '+ x + '; y is equal to '+ y

Mark only one oval.

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- x is equal to 10; y is equal to 6
- x is equal to 4; y is equal to 7
- x is equal to 'x+3'; y is equal to 'x-1'
- x is equal to 6; y is equal to 8

Questions

5. 3- For the following code what is the output *

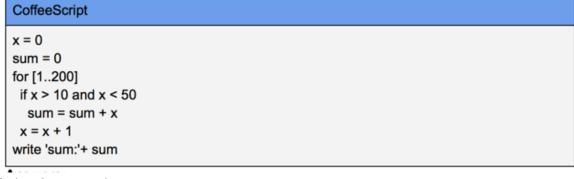
CoffeeScript	
sum=0 for x in [03] sum=sum+x write 'sum:'+sum	

Answers:

Α	В	С	D
sum:3	sum:6	sum:0 sum:1 sum:3	sum:0 sum:1 Sum:3 sum:6

Mark o	nly one oval.
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	В
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6. 4- What does the script do? *



Mark only one oval.

Sum number between 1-200
Sum number greater than 10
Sum number less than 50
Sum number between 10-50

Questions

7. 5- What is the output? *

CoffeeScript
sum=0 for x in [010] if x>8 sum=sum+x write 'sum:'+sum

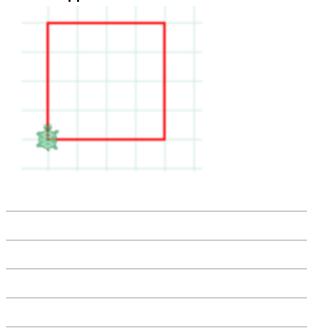
Answers:

Α	В	С	D
sum:9	sum:19	Not Run	sum:9 sum:19

Mark only one oval.

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8. 6- Write app make Tortoise move on this route *



Questions

9.	7- If you want to write a program that asks a users to type in a sentence, then reports back
	to the users the number of times the letter 'e' appears in the sentence, which of these
	things would your programming language not need to able to do. *

Mark only one oval.

viain 0	my one oval.
	Store user entered information
	Display text on the screen
	Compare two letters to each other to determine if they are the same
	Convert letters into numbers and numbers into letters
	Create and modify data as a program runs

10. 8- What is the output *

CoffeeScript	
x=0 while x<5 write x	

Answers:

Α	В	С	D
0 1 2 3 4	5	Not run	Infinite loop

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11. 9- What is the output *

CoffeeScript	
for [13] Write 'apple' Write 'orange' Write 'orange'	

Answers:

Α	В	С	D
apple orange apple orange apple apple orange	orange apple orange apple orange apple orange apple orange	apple orange apple orange apple orange orange	orange apple orange apple orange apple apple apple

Mark	only	one	oval.
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Α
В
С
D
No one

12. 10- What is the output *

CoffeeScript	
for x in [010] if x > 5 write x	

Answers:

Α	В	С	D
0 1 2 3	5 6 7 8	6 7 8 9	6 7 8 9 10

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Questions

13. 11- What is the output? *

CoffeeScript	
x=4 if x>10 x=10 else if x<5 x=5 Write x	

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14. 12- What is the output? *

	CoffeeScript
	x='Boy' z='game' msg=x + 'play' + z write msg
Mark (only one oval.
	Boy play game
	play game boy
	Boyplaygame
	game play boy
	Error

Questions

15. 13- For the following code Answer the questions

CoffeeScript	
x=7 if x> 0 write 'number is positive' else write 'number is negative'	

16. I- What this code do *

Mark only one oval.

Check number if it accept division by zero
Find if the number is positive or negative
Avoid division by zero

17. What is the output *

Mark only one oval.

number is positive
number is negative
Nothing

18.	What is the output if x= -12 * Mark only one oval.
	number is positive
	number is negative
	Nothing
19.	IV- Zero is unsigned number, but according to this code zero consider as negative numbe , update the code so when (x=0) the output will be ' number is unsigned'. Also keep other functionality working correctly. (if $x=0$ as input then Output: number is unsigned) *
Ĭ	uestions 14- What is the output? *
	CoffeeScript
	x='yes'
	y=x z=x
	y=x z=x x='no'
	z=x
	z=x x='no' y='maybe'
	z=x x='no' y='maybe' z=x
	z=x x='no' y='maybe' z=x Mark only one oval.
	z=x x='no' y='maybe' z=x Mark only one oval. x is equal to 'yes, no'; y is equal to 'yes, maybe'; z is equal to 'yes, no'
	z=x x='no' y='maybe' z=x Mark only one oval. x is equal to 'yes, no'; y is equal to 'yes, maybe'; z is equal to 'yes, no' x is equal to 'no'; y is equal to 'maybe'; z is equal to 'yes'

21. 15- What is the output? *

CoffeeScript
c=5 while c>0 c=c-2 write c

Answers:

Α	В	С	D
3	5 3 1	5 4 3 2 1 0	3 1 -1

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Questions

22. 16- Does the script Run? Why *

CoffeeScript	
write msg msg='hello'	

Mark only one oval.

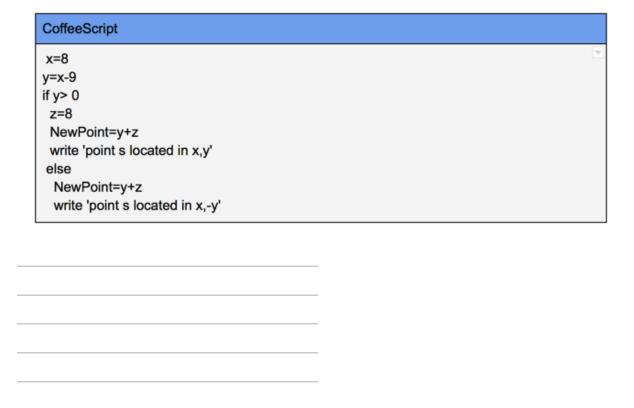
$\overline{}$	Yes

O No

IF you select no, how it should be to run	_
lestions	
17- Write app that compare two numbers and n2= 7 it will print n2. *	print the greater one. Example if n1=5 and
	_
	Jestions 17- Write app that compare two numbers and n2= 7 it will print n2. *

Questions

25. 18- Does the script Run? Why *



26.	19- Did you had hard time to understand loop, condition, and functions in code-based environment(5 star is good 1 star is bad) * Mark only one oval. 5 Star 4 Star 3 Star 2 Star 1 Star
Qı	uestions
27.	20- Are you able to memorize the command of loop, condition, and functions, when you start with in code-based environment(5 star is good 1 star is bad) * Mark only one oval.
	5 Star
	4 Star
	3 Star
	2 Star
	1 Star
Qı	uestions
28.	21- When you started writing code in code-based environment. Did you feel you are in new development environment, or the commands for loops, conditions, and functions was familiar to you. *
	Mark only one oval.
	Yes, it looks new
	No, it looks familiar
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