ĐỀ SỐ 3
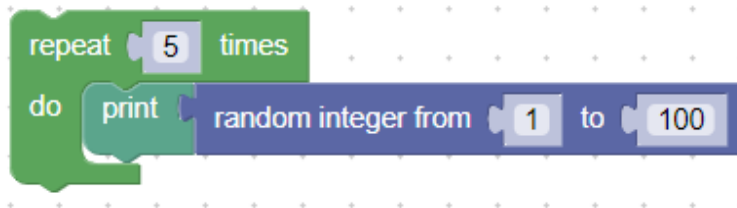
1. What would this script do?

    A. Generates a random colour each time it is called
    B. Picks a red colour
    C. Clear a random colour
    D. Print a random colour
    E. None of the above

Refer to the following code for question 2 and 3

2. What would above script do?
    A. Prints 5 random integer from 1 to 100
    B. Prints a random integer from 1 to 100
    C. Prints an integer from 1 to 100 and
    D. Prints a random integer from 5 to 100
    E. None of the above

3. What's the output of the following scripts? Is it get the same result?

    A. Yes, they are the same
    B. No, this script prints 5 times of a random integer from 1 to 100
    C. This script couldn't run
    D. No, this script calculates sum of 1 and 5
    E. None of the above

4. How many times is the "print" command executed?
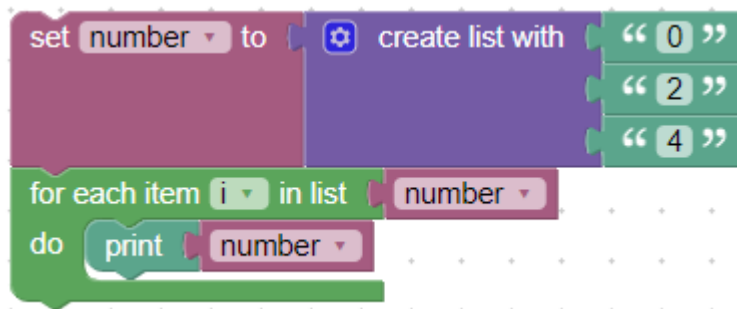
A. 0

B. 1

C. 2

D. 3

E. None of the above

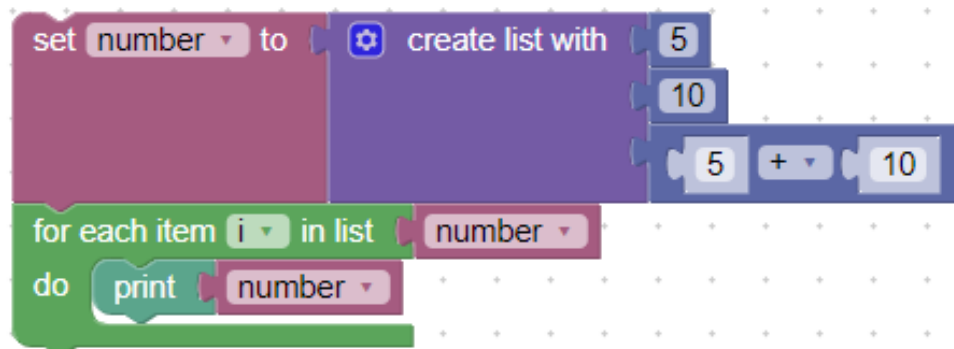5. What is "i"?

A. Counting how many times the green loop repeats

B. A variable

C. 0, it is always 0

D. Counting how many blocks in the code

E. None of the above

6. What's the expected result of "x"?
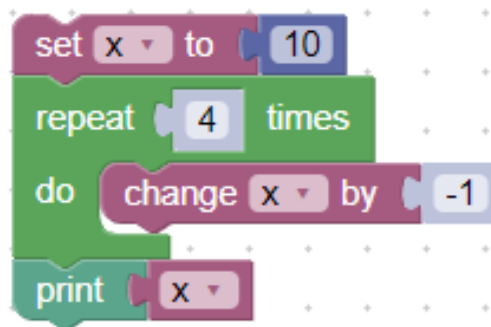

A. 10

B. 6

C. -1

D. 4

E. None of the above

Refer to the following code for question 7 and 8

7. The first line of output is 5, 10, 15. What is the second line of output? Why?

A. i. Because random integer would not repeat

B. 2. Because this is the second time the for loop

C. Undetermined because number cannot be predicted

D. 3 because length of number is 3

E. None of the above

8. What's the length of "number"?
   A. 5
   B. 10
   C. 15
   D. 3
   E. None of the above

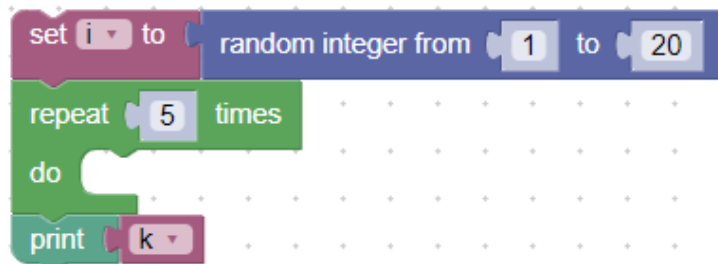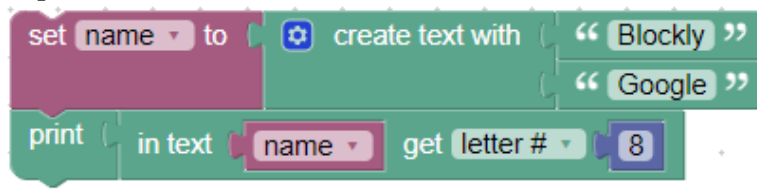9. Refer to the following code
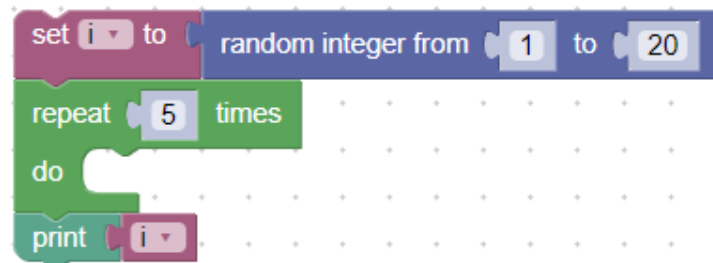
   What is the expected results?
   A. It's can be from 1 to 10
   B. 1
   C. 3
   D. 8 because this is the third time the loop repeats
   E. None of the above

10. The following code is executed but there is no output, why?


   A. Picking random integer from a negative range causes error in Blockly
   B. The content for printing is not defined
   C. Repeat 5 times is never happening because "random integer from 1 to 20" is exclusive
   D. k is undefined
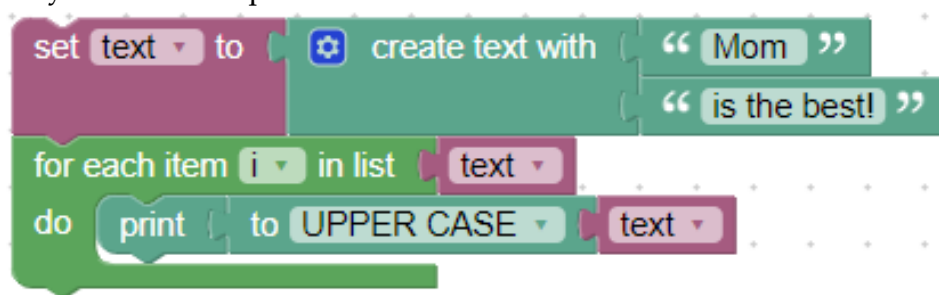   E. None of the above

11. What would be printed?

   A. Blockly
   B. G
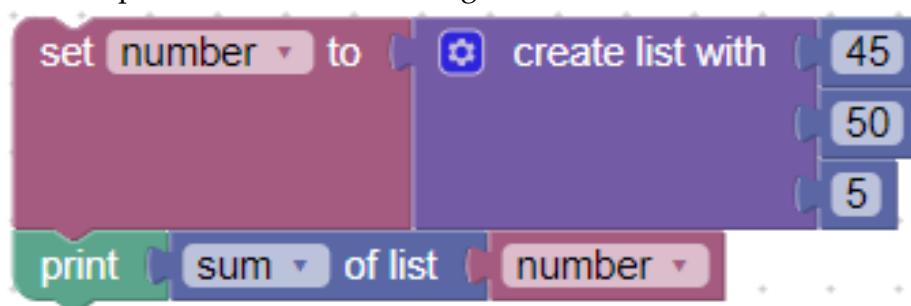   C. Google
   D. Blockly, Google
   E. None of the above

12. What would be printed with the following code executed?
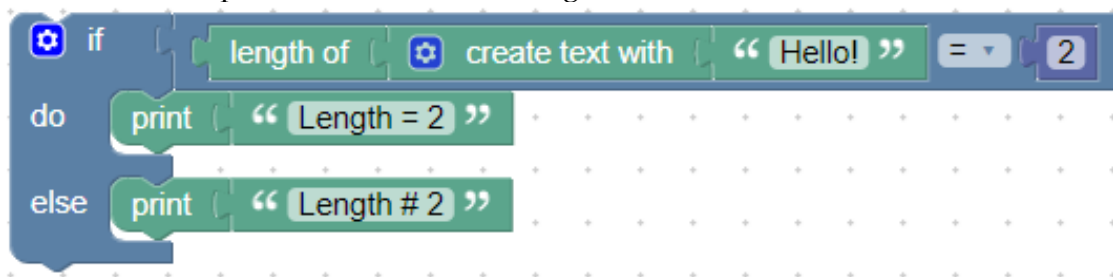
A. Hello
B. 2
C. Length = 2
D. Length # 2
E. None of the above

13. How many times is the "print" command executed?

A. Equal to length of "text"
B. 2
C. Equal to length of "i"
D. 5
E. None of the above

14. What would be printed with the following code executed?

A. 45
B. 50
C. 5
D. 100
E. None of the above

15. Following is a block and the respective code. What is the output?

A. Blockly?
B. ?
C. The code generates error
D. Do you like Blockly?
E. None of the above

16. What would be printed?

A. 3
B. 5
C. 7
D. 8
E. None of the above

17. What is the final value of "item"?

A. Hello
B. New
C. New World!
D. Hello World!
E. None of the above

Refer to the following code for question 18 and 19

18. What's the value of "x"?
    A. 5
    B. 25
    C. 125
    D. Both A and B
    E. None of the above

19. What's the value of "y"?
    A. 5
    B. 25
    C. 125
    D. Both A and B
    E. None of the above

20. What would be printed?
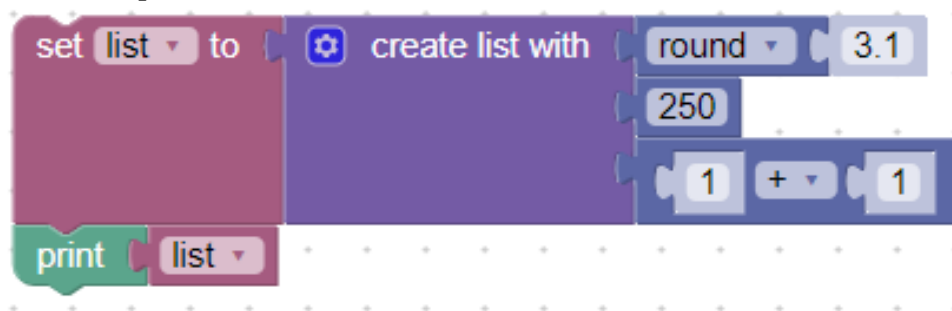
A. 3.1,250,1+1
B. 3.1,250,1
C. 3,250,1,1
D. 3,250, 2
E. None of the above