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BSIT-3R1

OUTPUTS

Activity 1

2.

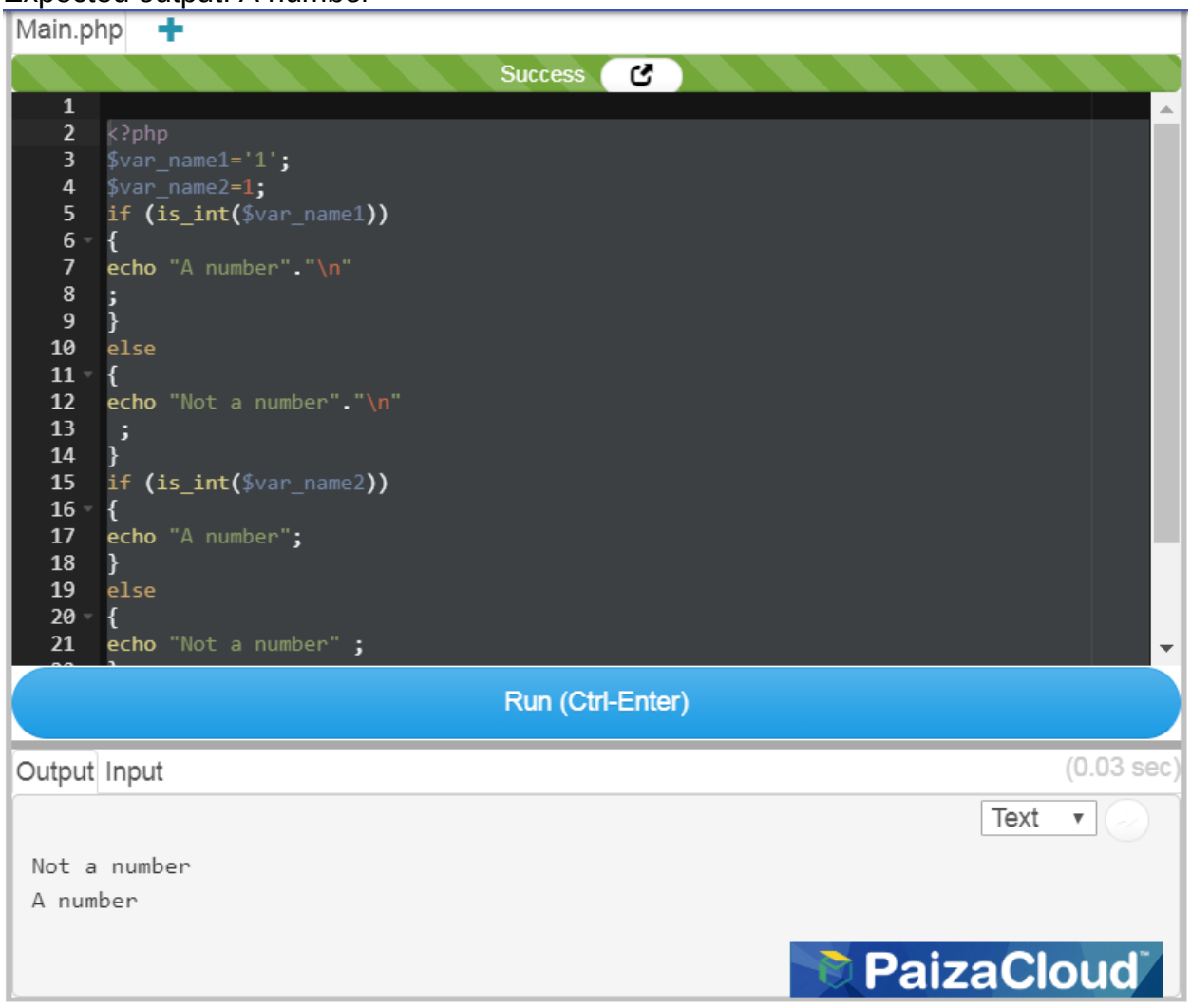
a. Write a program that checks if value is a number (integer).

Sample input: ‘1’

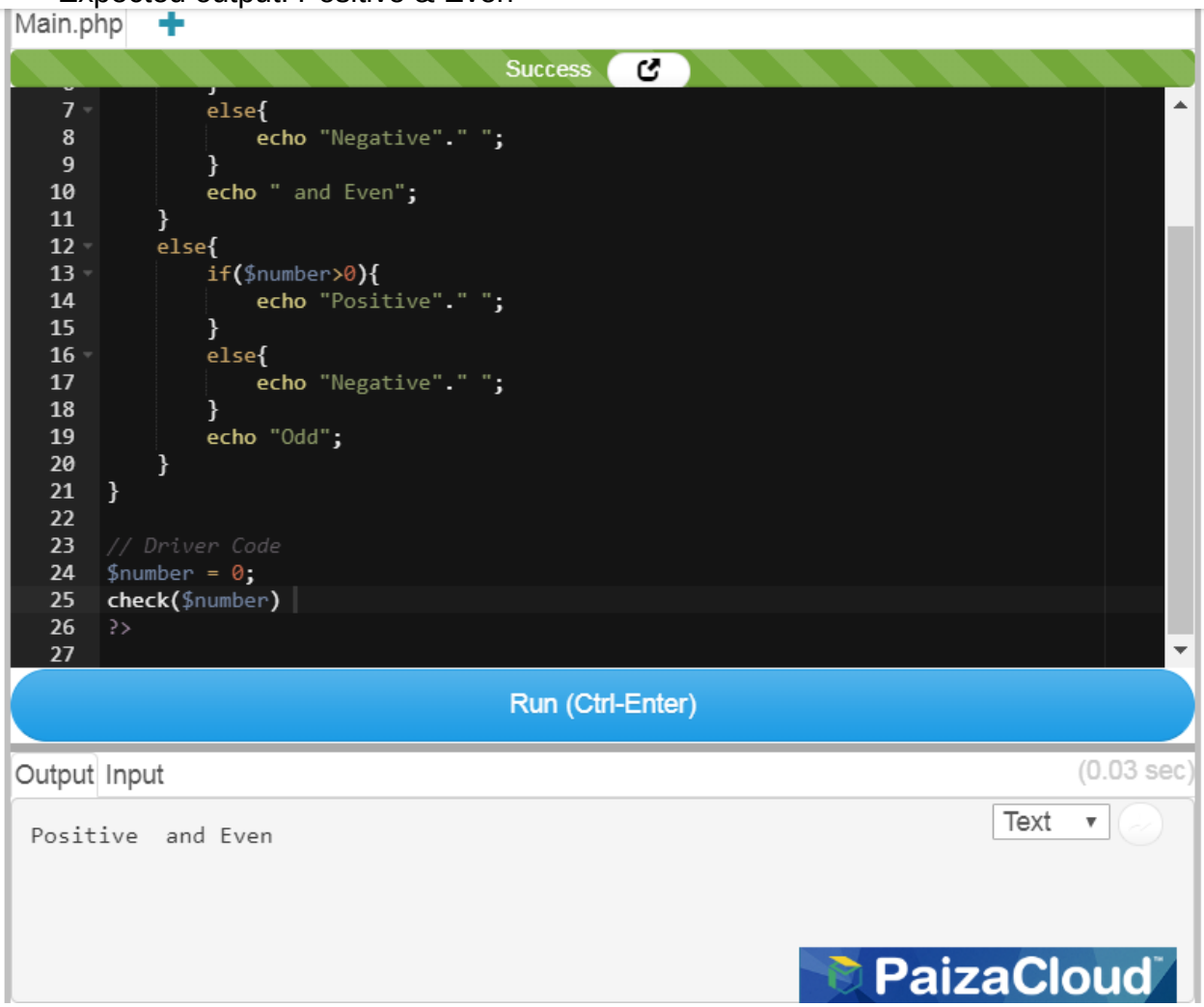
Expected output: Not a number

Sample input: 1

Expected output: A number

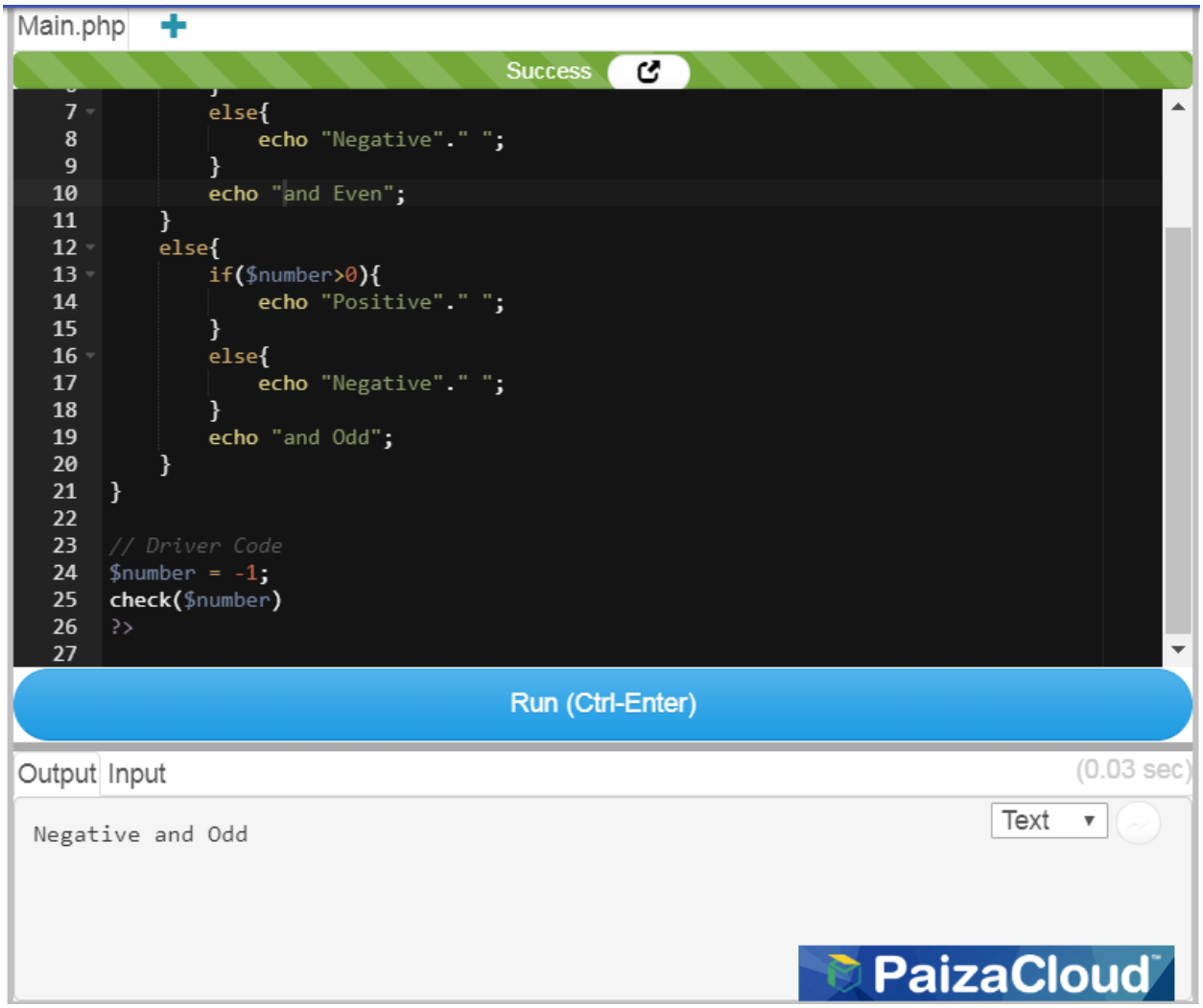


b. Write a program that checks if a value is positive or negative and odd or even.
Sample input: 0
Expected output: Positive & Even



Sample input: -1

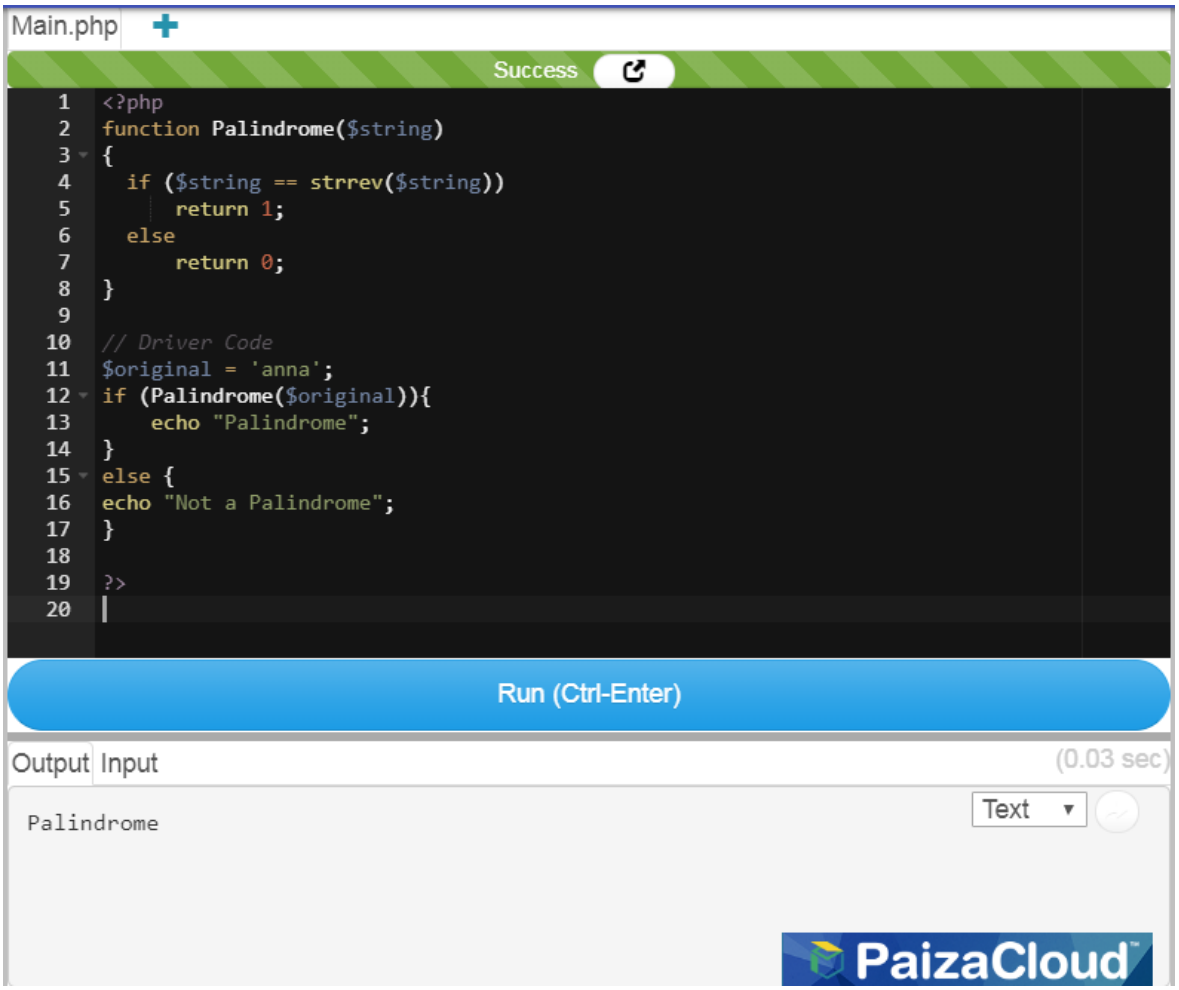
Expected output: Negative and Odd



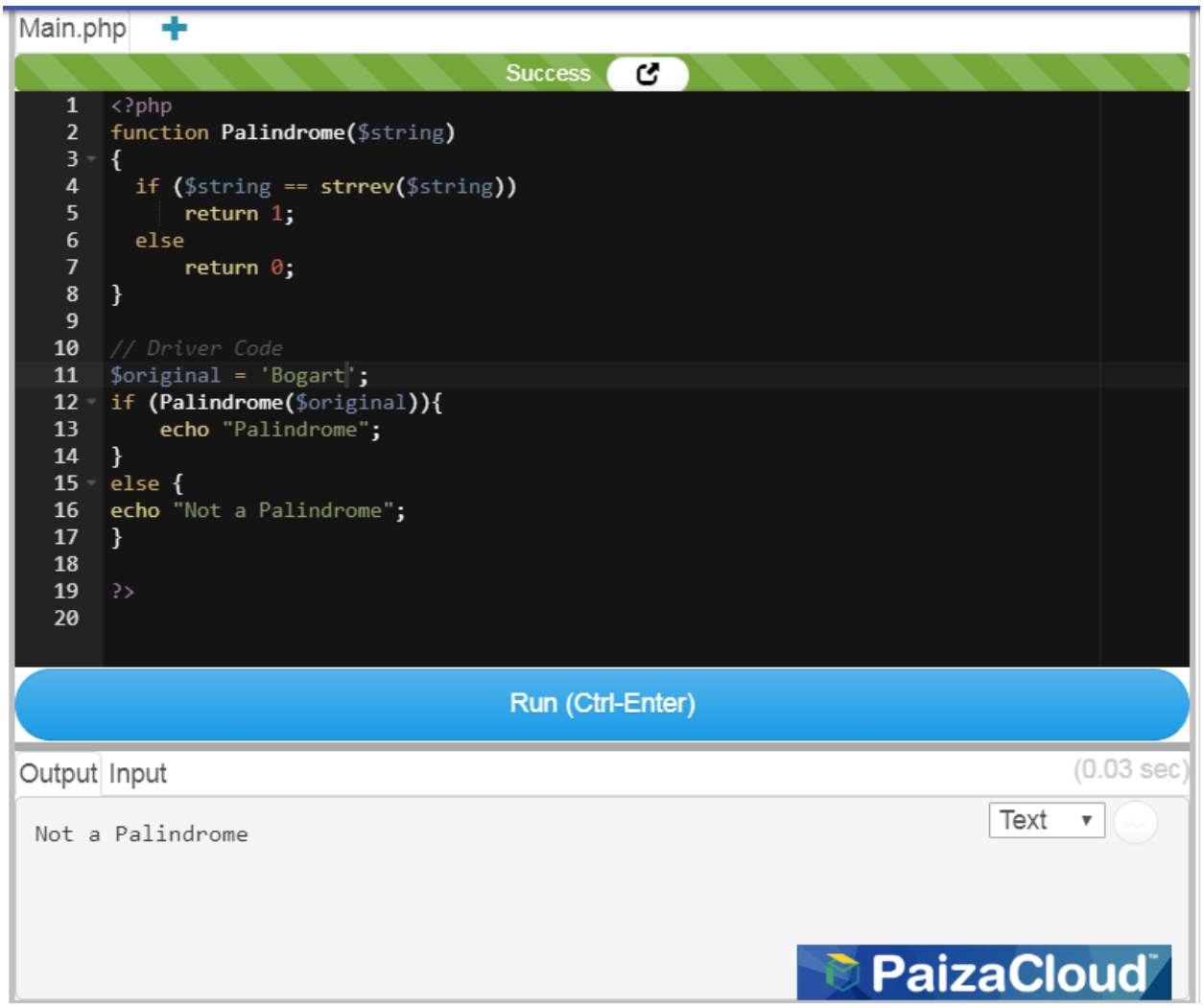
c. Write a program that checks if a value is palindrome

Sample input: Anna

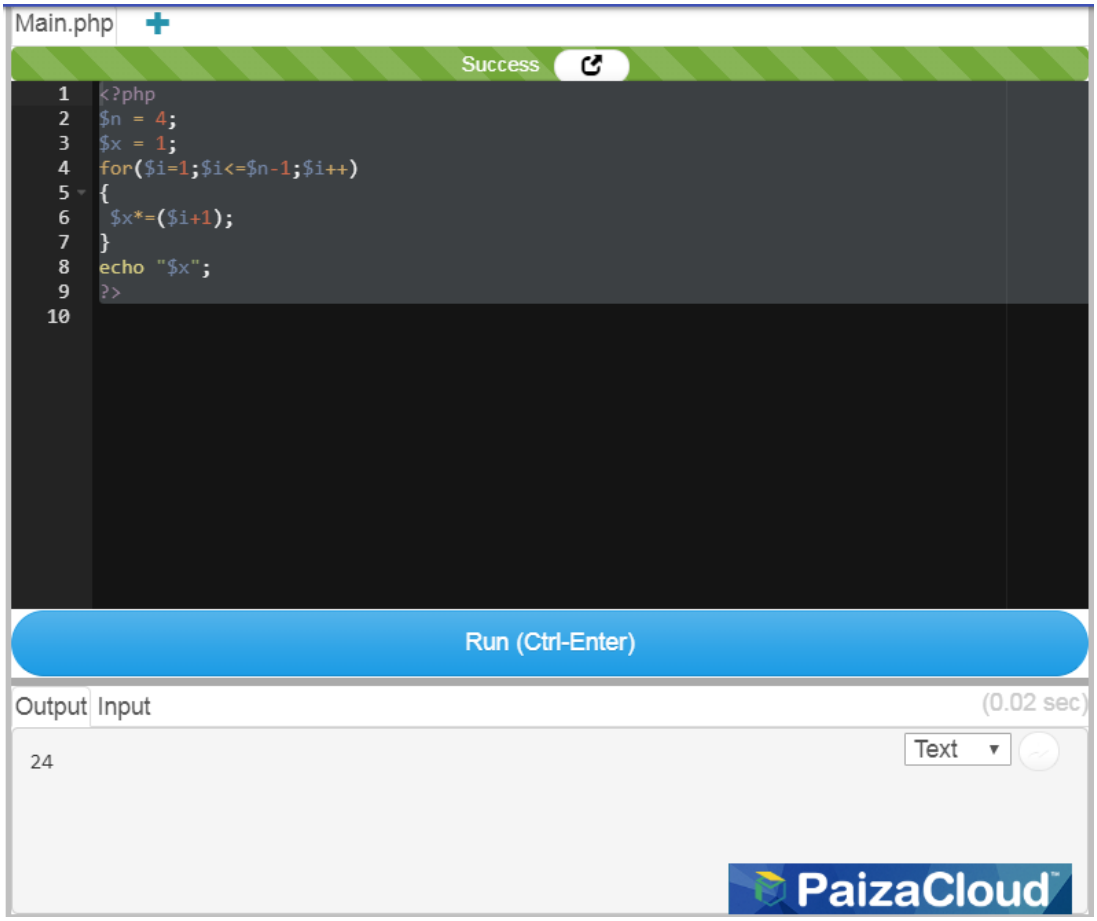
Expected output: Palindrome



Sample input: Bogart
Expected output: Not a Palindrome

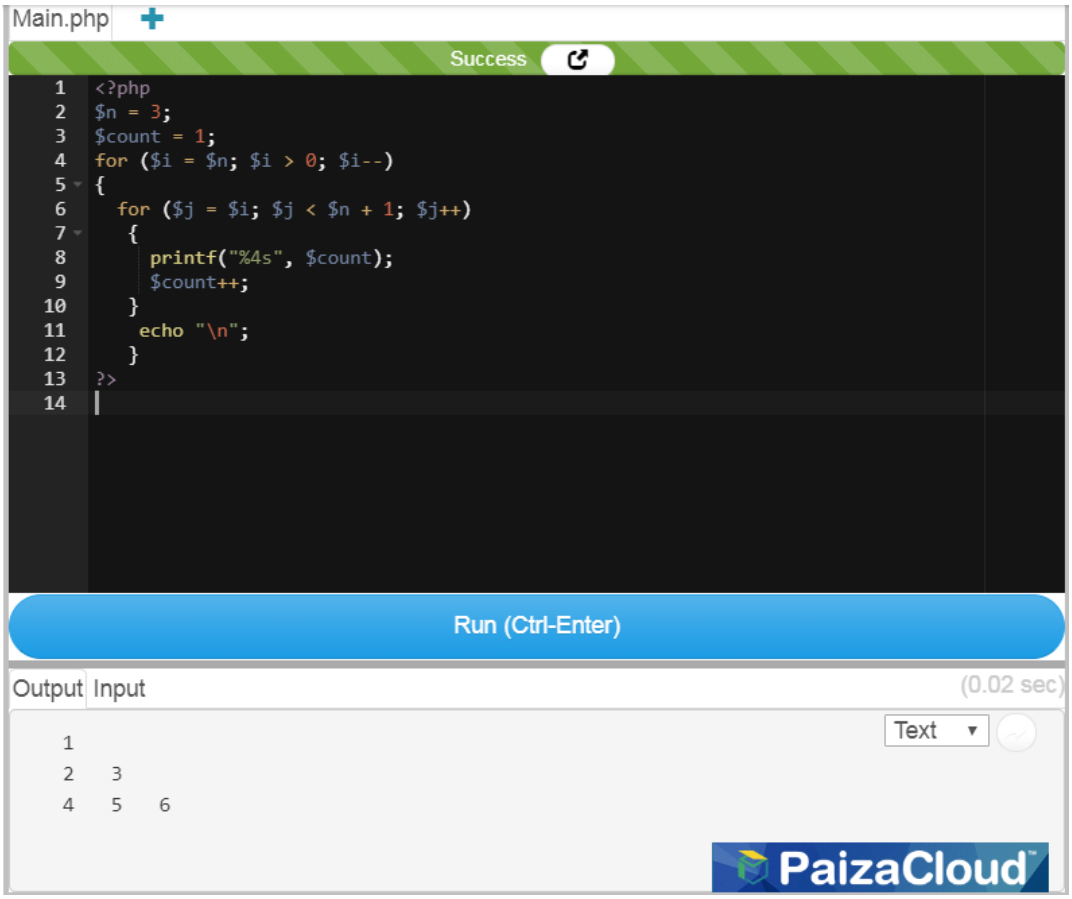


d. Write a program to calculate and print the factorial of a number using a for loop.
Sample input: 4
Expected output: 24



e. Write a PHP program to generate and display the first n lines of a Floyd triangle.
Sample input: 3
Sample output:

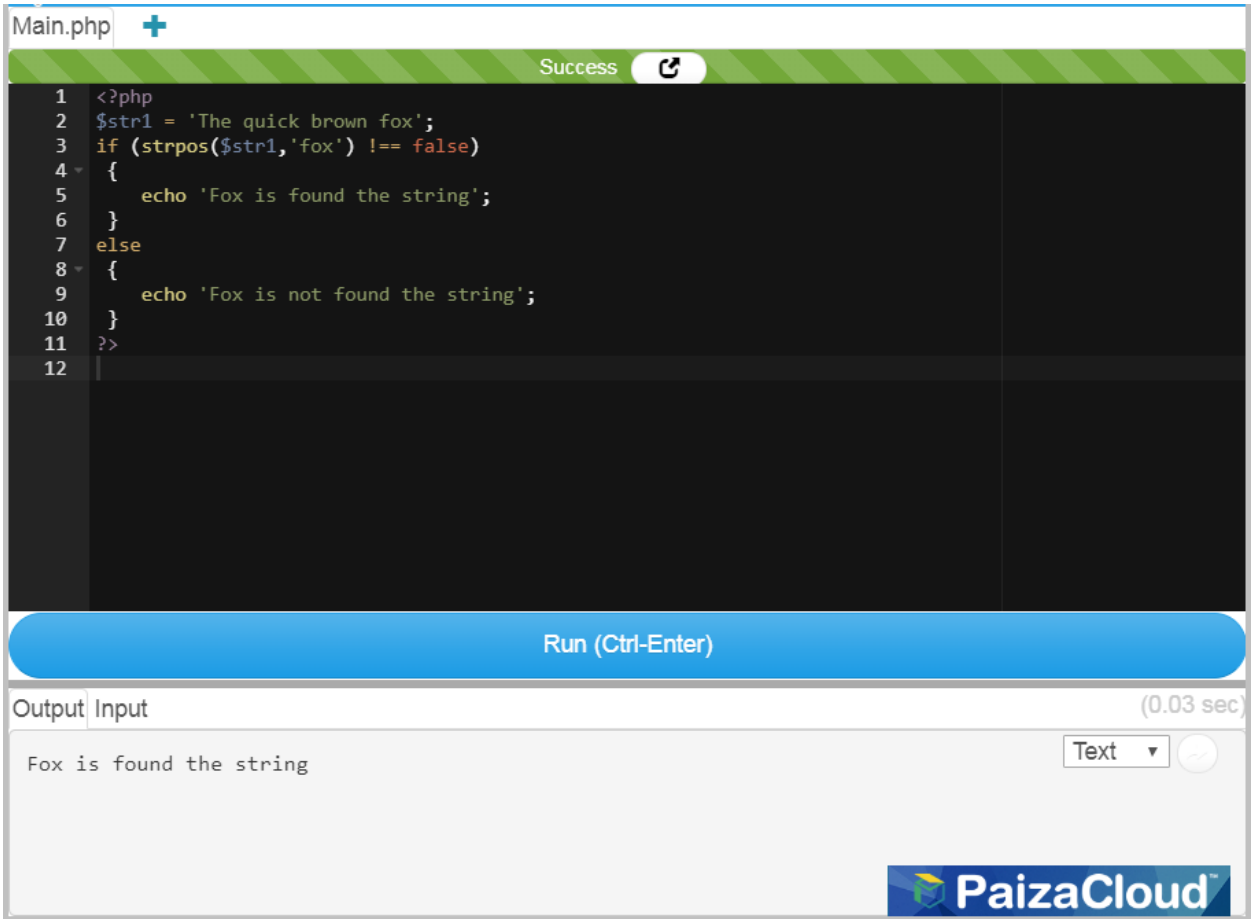
1
2 3
4 5 6



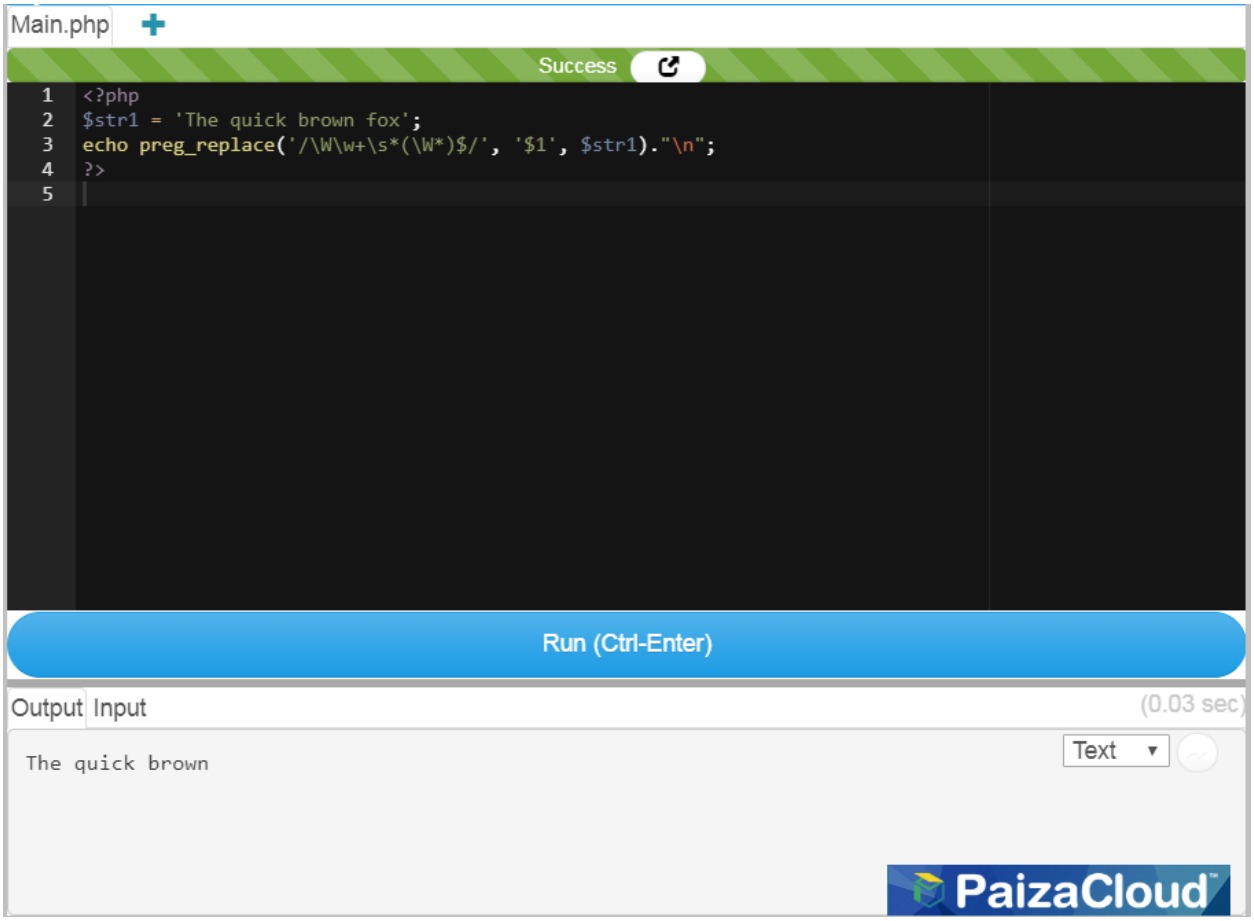
Activity 3

2. Solve the ff. problem using Regular Expressions

a. Write a PHP script that checks if a string contains another string
Sample String: 'The quick brown fox'
Test input: ‘Fox’
Expected output: Fox is found the string



b. Write a PHP script that removes the last word from a string.
Sample String: 'The quick brown fox'
Expected output: ‘The quick brown'

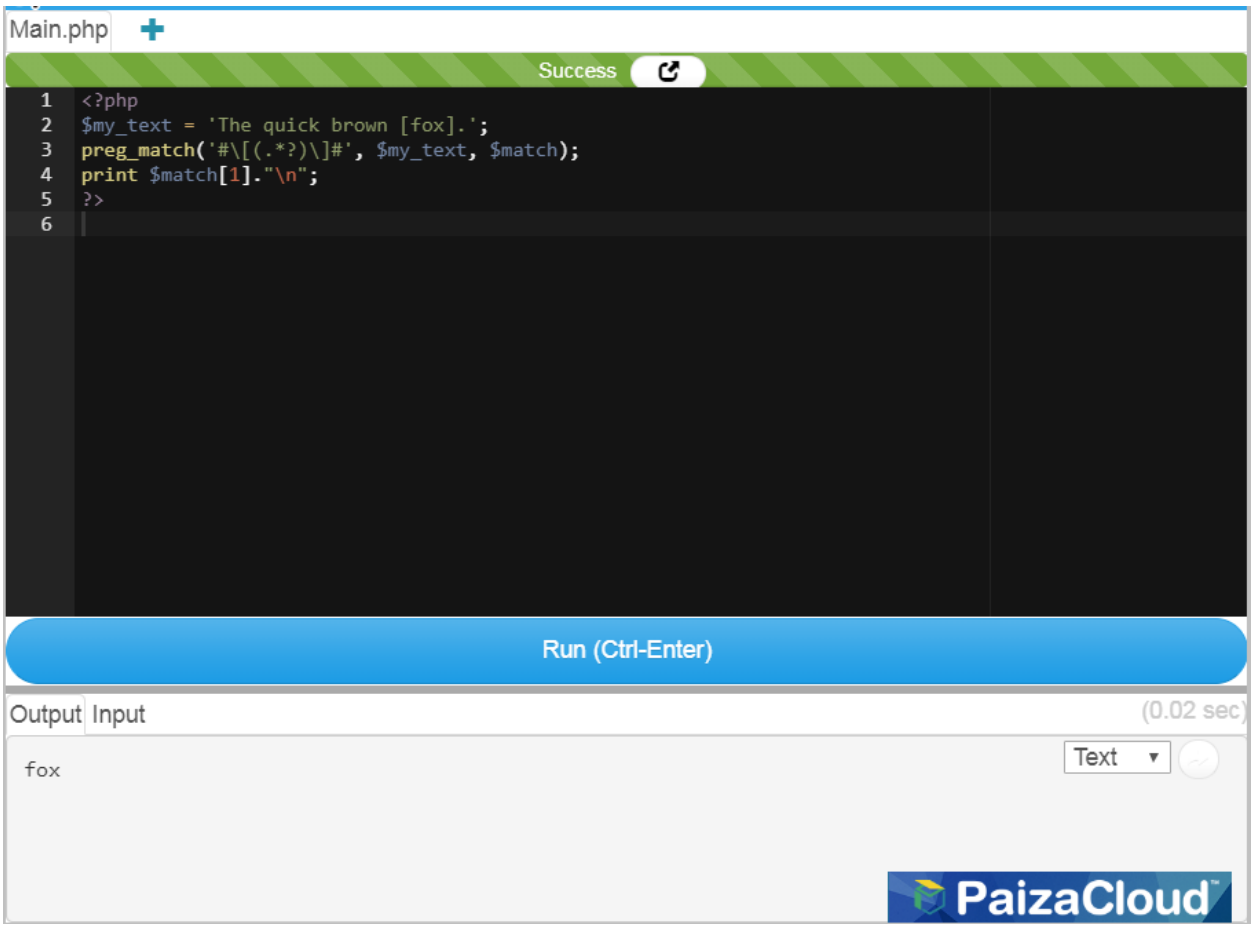


c. Write a PHP script to remove nonnumeric characters except comma and dot.
Sample String: '/$123,34.00A#'
Expected output: 123,34.00

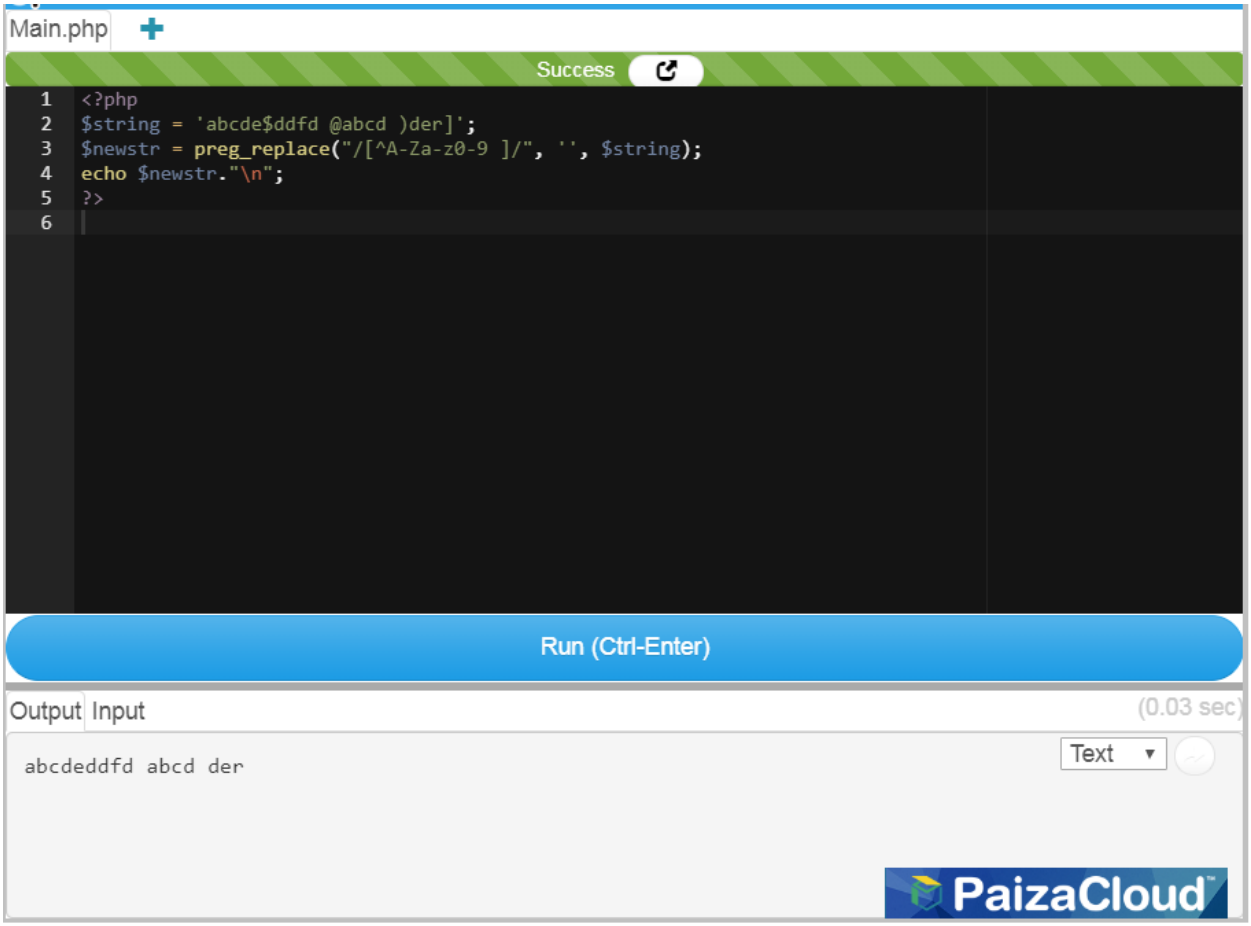
d. Write a PHP script to extract text (within parenthesis) from a string.

Sample String: ‘The quick brown [fox].’

Expected output: Fox



e. Write a PHP script to remove all characters from a string except a-z A-Z 0-9 or " ".
Sample String: 'abcde$ddfd @abcd)der]'
Expected output: abcdeddfd abcd der


Main.php
Success
1 <?php
2 $string = 'abcde$ddfd @abcd)der]';
3 $newstr = preg_replace("/[^A-Za-z0-9]/", '', $string);
4 echo $newstr."\n";
5 ?>
6
Run (Ctrl-Enter)
Output
Input
(0.03 sec)
Text
abcdeddfd abcd der
PaizaCloud