Exercise Javascript Variables

**Evaluated skills and first steps :**

*→ Second Part of Javascript lesson (aka Variables)*

*→ create a file html basic*

*→ create a file js*

*→ include your file.js in your html at the right place*

*→ in order to test your results use the function alert() or console.log()*

1. Declare this number : 5
2. Declare this string : Hello
3. Declare these 2 number : 3 and 4 in just one row
4. Declare these 2 string :” Hello” - “My name is <Marie>” in one row
5. Declare 3 numbers ( 2 - 5 - 3 ) in one row and then do an addition with them (result = 10)
6. Declare 3 strings (“Hello” - “My” - “Name is <put your name here>”) in one row, then add each string to have this result (“Hello my name is Marie”)
7. Declare a boolean with its value instantiated at true
8. Declare a number and a String in order to display “ We are 5 people in this class”
9. For every variables created before, test their existence with the appropriate function using typeof.
10. Declare variables and do an example for each type of arithmetical operation that we saw in the presentation
11. Do this operation by declaring variables and using the good arithmetical operation:
    1. My result1 gonna be the addition of 32 and 8, and their division by 6 subtracted by 1
    2. My result2 gonna be my result1 divided by the number 5
    3. My result3 gonna be the modulo of result1 modulo 5
12. Do an example for each operation : “+=”, “-=”, “\*=”, “/=”, “%=”
    1. You will have to declare new variables to do that or reuse your precedent variables, as you want.
13. By using the function which ask an interaction with the user, get this result “Here is a number : 87”
14. By using the function which ask an interaction with the user get the result “42”
    1. I want the type of your variable to be display as a number by using a function that you already know.
15. By using the function which ask an interaction with the user get the result “42”
    1. I want the type of your variable to be display as a string by using a function that you already know.
16. try to do the following operation and display this result :
    1. x=1
    2. y=3
    3. z=4
    4. result = z-y\*x
    5. display → My result is “put your result here” and the type of my variable result is “ put the type of you variable here’”
17. Do the same thing as the question 16 but use instead the function to interact with an user to ask the number x, y and z to the user.
18. Try to do the following sentence/conversation by using the function to interact with an user :
    1. What is your name ? the user will have to type is name
    2. What is your age ? the user will have to type is age
    3. Where are you coming from ? the user will have to type is country
    4. Display a result as : “Hello your name is <name>, your <age> years old and you’re coming from <country>”.
19. Do the same thing as question 18 but try to display his age into Korean Age :
    1. What is your name ? the user will have to type is name
    2. What is your age ? the user will have to type is age
    3. Where are you coming from ? the user will have to type is country
    4. Display a result as : “Hello your name is <name>, your <age> years old and you’re coming from <country> but in Korea your age is <Korean Age>.... Sorry you’re older here ! :)” .