React JS

Week 1 HW

1. Determine the type of the variables below.

   a) let length = 16
   b) let name = "Jack"
   c) let number = '120'
   d) var y = 'undefined'
   e) let z = undefined
   f) let isAdmin = true
   g) const array = [1, 2, 'john', true, '201', undefined]
   h) const x = {

      firstName = 'ali',

      lastName = 'hosseini'

   }

2. Write a program that takes an input from the user and shows its type as an alert.

3. Write a program that takes the user name from input, asks the user if that is the correct name and finally outputs hello 'name' as an alert. Example: hello Ali

4. Write a program that takes 2 numbers as input and output the sum of these 2 numbers as an alert. (pay attention to the input type)

5. Create an HTML page with a link to google.com.

6. What's the difference between undefined, null and 0?

7. What are the differences between const, let and var?

8. What are the differences between a library and a framework? Provide Examples.

9. What are the 2 main parts of an HTML file?

10. Create a person object containing your first and last names. Then alert first name and last name of the person object.

11. Alert "Hello Maktab" with the help of escape characters.
Note: showing double quotations ("") in the output is necessary.

scores	
Question 1	10
Question 2	10
Question 3	10
Question 4	10
Question 5	10
Question 6	10
Question 7	15
Question 8	10
Question 9	5
Question 10	5
Question 11	5

SUBMISSION NOTES

1. Compress your homework into a single compressed file (.rar or .zip)
2. The name should have the following format: name_hw1_maktab99
   example: MohammadAli_Kargar_hw1_maktab85
3. Create a description word document for your answers if necessary
4. Submit your file in LMS before due date.
5. If you have any questions, feel free to ask in Group Chats or send a direct message to your TA.

Best of Luck and Happy Coding!