1. What are the uses of JavaScript in web development?
   to create dynamic and interactive web pages
   to manipulate html, css and other web technologies

2. Explain the different methods to create a variable in JavaScript by using examples.
   var - it can use throughout entire program.
   let - it can use only within scope, where it has been declared.

3. What is the difference between alert box, prompt box and confirm box?
   Alert Box - it shows important msg s. it has only OK button.
   Prompt Box - it can get input from user. it has a ok and cancel button and text input area
   confirm box - it used to get confirmation from user it has a only ok and cancel button.

4. What is the difference between break and continue statements?
   Break - break the loop and execute the code after the loop.
   continue - stop the current iteration and continue with the next iteration.

5. Write a JavaScript program to convert temperatures from Fahrenheit to Celsius. Use an alert box to display the temperature in Celsius.

   *[Hint: C = (5/9) * (F - 32)]*

6. Write a JavaScript program where the program takes a number as an input from the user (using a prompt box) and calculate the factorial value of it.

   *[Hint: factorial of 5 is equal to 1 * 2 * 3 * 4 * 5 = 120.]*

7. Write a JavaScript program to get the following output using a for() loop.

   The Answer is: 10

   The Answer is: 9

   The Answer is: 8

   The Answer is: 7

   The Answer is: 6

   The Answer is: 4

   The Answer is: 3

   The Answer is: 2

   The Answer is: 1