Chapter 6 (Math Expression II)

1. Code a short form of x = x + 1; Use either of the two legal expressions.
2. If x has a value of 100, what is the fastest way to reduce it to 99 with a math expression?
3. var x = 50;

   var y = x++;

   What is the value of y?
4. var y = 50;

   var z = --y;

   What is the value of z?
5. In a single statement, decrement num and assign its original value to newNum.
6. In a single statement add 1 to a variable and assign its original value to another variable.
7. Assign a number value to a variable.

   Increment the variable.

   Display the new value in an alert

Chapter 7 (Math Expression III)

1. var calculatedNum = 2 + (2 * 6);

   What is the value of calculatedNum?
2. var calculatedNum = (2 + 2) * 6;

   What is the value of calculatedNum?
3. var calculatedNum = (2 + 2) * (4 + 2);

   What is the value of calculatedNum?
4. var calculatedNum = ((2 + 2) * 4) + 2;

What is the value of calculatedNum?

Note: Try all the above equations yourself.

5. Write a statement that assigns to cost the result of 2 + 2 * 4 + 10, clarified with parentheses, producing 56.
6. Write a statement that assigns to units the result of 2 + 2 * 4 + 10, clarified with parentheses, producing 20.
7. Write a statement that assigns to pressure the result of 4 / 2 * 4, clarified with parentheses, producing 5.

Chapter 8 (Concatenating Text Strings)

1. var num = "2" + "2";
   What is the value of num? Include quotation marks.
2. message = ("Hello," + "Dolly");
   What is the value of message? (Include the quotation marks.)
   Alert the statement
3. alert("33" + 3);
   What message displays in the alert box?
4. Write an alert that displays the concatenation of the two parts of "Pakistan Zindabad".
5. Write a statement that assigns to a variable the concatenation of a string with a number
6. Assign strings to two variables. Then concatenate them and assign the result to a third variable.

Chapter 9 (Prompts)

1. Code a prompt with the message "Enter first name". The user's response is assigned to firstName.
2. Code a prompt with the message "Country?" and the default answer "China". The user's response is assigned to country.
3. Correct this statement
   var yourName = prompt(Enter Your Name");
4. Code a prompt that specifies a string as the message Include a default input.
5. Assign strings to two variables. Code a prompt specifying the first variable as the message and the second variable as the default response. Assign the user's response to a third variable.
6. Display a prompt, including both a message and a default response.
   Display the user's response in an alert.

Chapter 10 (if statments)

1. var city = "Karachi"
   if (city = "Karachi") {
   console.log("The City OF Lights")
   Correct the above statement:
   Also try this statement by yourself
2. This is the first line of an if statement:
   if (x === y) {
   Complete the statement. If the condition is true, display a box that asks the user value of z? and assign it to another variable.
3. Code an if statement that tests if ZipCode is "10010" so, Alert that "Karachi". if not then alert ("Please write correct city")

4. Code an if statement. Test whether a variable has a particular numerical value. If so, assign a new value to that variable, as in x = 1;

Chapter 11 (Comparison Operators)

1. Code the first line of an if statement that tests whether one variable is unequal to another. (Use !)
2. Code the first line of an if statement that tests whether the value represented by a variable is greater than or equal to the value represented by another variable.
3. Code an if statement. Test whether a variable is unequal to a particular number. If so, assign a number to that variable.
4. Code an if statement that tests whether a number is unequal to a different number. If the condition is true (it will be), display a congratulations alert.
5. Code a prompt asking for your first name.
   Code an if statement that tests whether the name you entered is unequal to another name.
   If the condition is true (it will be), display an alert that says "No match"

================ THE END ================