JS Assignments

1. Write a program to take "city" name as input from user. If user enters "Karachi", welcome the user like this: "Welcome to city of lights"

2. Write a program to take "gender" as input from user. If the user is male, give the message: Good Morning Sir. If the user is female, give the message: Good Morning Ma'am.

3. Write a program to take input the marks obtained in three subjects & total marks. Compute & show the resulting percentage on your page. Take percentage & compute grade as per following table:

Percentage %	Grade	Remarks
Greater than or equal to 80	A-one	Excellent
Greater than or equal to 70	A	Good
Greater than or equal to 60	B	You need to improve
Less than 60	Fail	Sorry

Show the total marks, marks obtained, percentage, grade & remarks like:

Marks Sheet

Total marks : 300
Marks obtained : 219
Percentage : 73%
Grade : B
Remarks : You need to improve

Note: document.write can be used to write the output on the page instead of Alert e.g.
document.write("Hello World")

4. Guess game:

Store a secret number (ranging from 1 to 10) in a variable. Prompt user to guess the secret number.

a. If user guesses the same number, show "Bingo! Correct answer".

b. If the guessed number is greater than secret number show "number is greater than secret number".

c.If the guessed number is less than secret number show "number is less than secret number".

5.Write a program to store 3 student names in an array.Take another array to store score of these three students. Assume that total marks are 500 for each student, display the scores & percentages of students like:

Score of Michael is 320. Percentage: 64%
Score of John is 230. Percentage: 46%
Score of Tony is 480. Percentage: 96%

6. Initialize an array with color names. Display the array elements in your browser.

a. Ask the user what color he/she wants to add to the beginning & add that color to the beginning of the array. Display the updated array in your browser.

b. Ask the user what color he/she wants to add to the end & add that color to the end of the array. Display the updated array in your browser.