

WEEK#2 - ASSIGNMENT 1

MS Connect



Vijay Sekhar G

Objectives

- Get comfortable with User Interface Design.
- Start thinking more carefully.
- Solve problems in HTML5, Java Script and JQuery.

Reasonable

1. Communicating with colleagues about problem problems in English (or some other spoken language).
2. Discussing the assignment material with others in order to understand it better.
3. Helping a colleagues identify a bug in his or her code, as by viewing, compiling, or running his or her code, even on your own computer.
4. Incorporating snippets of code that you find online or elsewhere into your own code, provided that those snippets are not themselves solutions to assigned problems and that you cite the snippets' origins.
5. Sending or showing code that you've written to someone, possibly a colleagues, so that he or she might help you identify and fix a bug.

Deliverables

- Document your solutions in word file.
- Write proper comments for each line in your source code.
- Document the output of your program.
- Your program should address the problem, there should NOT be any deviations in output.

SECTION – A

- ① Design a form with below fields using HTML5 document structure (i.e. doctype, html, head, div, nav, article, meta, title, body, footer, etc.)

Title

Question

Input

Output

Example Input

Example Output

Difficulty Level

Add images folder and add one or images to this. Display an image as logo in the header. Your styles must be in CSS. Do not use styles within HTML tags.

- ② Design a HTML5 page using mark, time, meter, progress, small, nav, article, main, header, footer elements?

- ③ Design html page to demonstrate the use of HTML5 Media Elements (Video & Audio)

- ④ Design html page to demonstrate the use of HTML5 Canvas Element - Draw 2d objects- Circle, Rectangle, Image etc.

- ⑤ Create a web page for your curriculum vitae using the Wipro Resume Format.

SECTION – B

- ① Write a program in JavaScript
1. To check if given string is palindrome.
 2. Which accepts a number and prints whether it is binary or not.
 3. Which accepts two integers as a minimum and maximum limit and calculates total of how many 1s were their within the limit.
For ex if user input 1 11 then it should print 4.
 4. Which takes input as a number and converts it into string format. Ex: 54 to Fifty four
 5. To converts all lowercase letter in a sentence to uppercase.
- ② Write a program which takes input as integer and display the reverse triangle on the basis of input integer.

Example: 1

If user gives input 5 then the triangle should be like this:

12345

-1234

--123

---12

----1