KAD. ICT HUB SIWES/IT STUDENT 2020

Web Design/Development
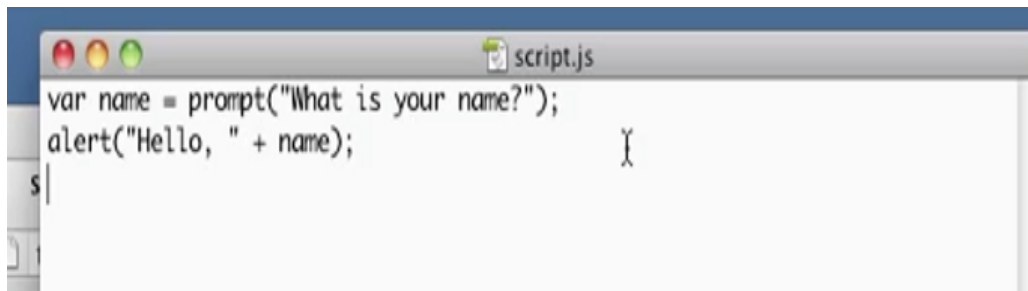
Instructions: Answer All Questions

Section A:

1. Explain HTML elements and Attribute
2. Assuming you have an external CSS sheet, write the complete CSS tag to link it to your HTML
3. What is an Empty tag?
4. Write the HTML5 boilerplate
5. HTML tags are not case sensitive. Explain?
6. What are the following CSS properties used for?
   i. Z-index
   ii. Border-radius
   iii. Margin and padding
   iv. Color
   v. Animation-duration
7. How do u insert the copy right symbol on your web page?
8. What's the difference between the anchor tag and link Tag?
9. Write down the syntax of creating a function in JavaScript
10. How do you link your external JS file?
11. The following array method are used for:
    i. Pop ()
    ii. Array.isArray()
    iii. Push ()
    iv. Unshift ()
    v. Splice ()

```
const person = {
  firstName: 'John',
  lastName: 'Doe',
  age: 30,
  hobbies: ['music', 'movies', 'sports'],
  address: {
    street: '50 main st',
    city: 'Boston',
    state: 'MA'
  }
}
```

12. print out movies ONLY

Section B: Show and explain the output

A.

```
script.js
var name = prompt("What is your name?");
alert("Hello, " + name);
```

B.

```
3  const age = 30;
4  age = 31;
5
6  console.log(age);
```

C.

```
1  const s = 'Hello World!';
2
3  console.log(s.substring(0, 5).toUpperCase());
4
```

Section C: Create a mini program in JavaScript

1. That output a good morning text when the time is between 1am-11am, good afternoon text when the time is between 12pm-3pm, good-evening text when is at 4-8pm else good night.
2. That output even and odd numbers between 1-100
3. Create a navigation bar and write down the CSS code when we hover over it, it will change into a different color (Use Internal CSS)

4.
```
19  // For
20  for(let i = 0; i <= 10; i++) {
21    console.log(`For Loop Number: ${i}`);
22  }
```

    Convert the above diagram into a while loop

5. create H1 tag with a value of zero (0), create a button when clicked it will keep incrementing the Number till infinity.

Section D:

Add all the section C work into your GitHub repository.

Goodluck