CS-101 - Virtual University CS-301 Short Question Preparation

Q1. What is an IP address ?

Ans 1: Every device connected to the public Internet is assigned a unique number known as an Internet Protocol (IP) address.

Q2. What is an Array?

Ans 1: An indexed list of elements

Q3. Write a JavaScript program having two functions sum and mean.

Ans 1: The web page will ask the user to enter five values to be added. After taking input it will calculate the sum and mean of those values by calling sum and mean functions.

Q4. Define semantic web with respect to the present web?

Ans 1: The Semantic Web is an idea of World Wide Web inventor Tim Berners-Lee that the.Web as a whole can be made more intelligent and perhaps even intuitive about how to serve a user's needs.

Q5. What is a compiler? Write its one benefit over interpreter.

Ans 1: Compiler translates the program written in a HLL in one go. The translated code is then used by the uP whenever the program needs to be run. In contrast of interpreter, a compiler translates high-level instructions directly into machine Language Compiled programs generally run faster than interpreted programs.

Q6. What are Local or Function-level Variables?

Ans 1: Declaring variables (using the var keyword) within a function, makes them local. They are available only within the function and hold no meaning outside of it.

Q7. Explain function arguments with the help of an example?

Ans 1: A named group of statements that is put together once and then used (by reference) repeatedly on a Web page Code becomes easier to read, understand and maintain

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Q8. What is the difference between ‘single-line text input field’ and ‘password input field’ ?

Ans 1: A Password Field is good for sensitive information. The only item that is absolutely necessary is the Submit Button. It is a

good idea to include a Reset Button for the convenience of the user. A text field gathers information using a single line of text. This field is useful for short answers. The default text field is blank. If you want to specify default text, use the VALUE attribute.

Q9. Write down the advantages of Natural Language Processing.

Ans 1: It is able to read what you write, comparing it to a stored database of texts. It then corrects your errors and suggests alternatives. What advantages can this give you? Here are some: 1. You Don't Have to Worry About Careless Mistakes and Typos 2. Your Grammar and Punctuation Errors are Fixed 3. Allows You To Get More Accomplished 4. Gives You A Better Vocabulary 5. Instantly Upgrades Your Communication Skills

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Q10. Who is a Computing Professional?

Ans 1: Computing technology has changed our way of life like no other technology. We need to study how it has done it to highlight the mistakes and success stories of the past. We need to do it so that we can learn from them and select our future direction Accordingly.
