

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

Q1. What is a function? Give one example.

Ans 1: Function is a reusable code (group of statement) that is executed when the function is called. It is also known as subprogram. Function is normally defined in the head section of the code.

Q2. Define Primary key and Queries

Ans 1: Primary Key

Primary key is a field that uniquely identifies each record stored in a table.

Ans 2: Queries

Queries are used to view, change, and analyze data. They can be used to combine data from different table and extract the exact data that is desired.

Q3. When does recursion occur?

Ans 1: The power of recursion evidently lies in the possibility of defining an infinite set of objects by a finite statement.

Q4. What kind of new jobs are created because of computing? And which old professions are being eliminated?

Ans 1: Due to computing where people are getting benefits from automated systems on the other hand the people that are with KHATA system or Manual system and they don't know about computers are eliminated due to this reason and people take place of many people. We can see in the offices where before computer if there are four person required now only one person is required for example with the help of database we can store more than thousand of information and only one person is managing the whole data that is DBA. In the old system many people are writing the data in registers and then its also very difficult to find the specific record

Q5. What is animated gif? How can we use it? If we animate images in JavaScript then is it better?

Ans 1: It is bit mape image format introduced in 1987by compuserve.It support up to 8 bits per pixel.It also support animation And allow a separate palette of 256 colors for each frame. Uses: We can use it in web site they are suitable for sharp edged line art with limited number of colors. They are good for small animation and low resolution clips. The size is small and on web site they can uploaded and downloaded easily

Q6. 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.

Q7. What is a packet in the network environment? What kind of information does it contain?

Ans 1: • Packet is data chopped up into pieces in a network environment.

- These packets contain information about which computer sent the data and where the data is going.
 - If a packet runs into a problem during its trip, it can attempt to find another route. When all the packets get where they are going, the recipient computer puts them together again.
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Q8. In programming, what is a loop?

Ans 1: In computer science a for loop is a programming language statement which allows code to be repeatedly executed. A for loop is classified as an iteration statement.

Q9. What was the obstacle to the construction of analytical engine?

Ans 1: Charles Babbage had huge difficulties raising money to fund his research. As a last resort, he designed a clever mathematical scheme along with Ada, the Countess of Lovelace. It was designed to increase their odds while gambling. They bet money on horse races to raise enough money to support their research experiments. Guess what happened at the end? They lost every penny that they had.

Q10. How marketing strategies are changed with the progress in computing? How new marketing strategies are implemented?

Ans 1: Marketing Strategy Changes with the new requirements of the modern era and the applications of the business. The web has changed marketing strategy from a mass focus to single person focus. We collected data and analyze accordingly to find out the behavior of the market and end users. In new marketing more advertising is being done through email and web and get feedback.
