

**What are the two primary learning strategies mentioned, and how do they differ?**

Answer: The two primary learning strategies mentioned in Module 2 are "Breadth First Learning" and "Depth First Learning." Breadth First Learning involves giving a basic introduction to almost all courses in Computer Science, allowing students to understand the overall scope of their degree program. In contrast, Depth First Learning focuses on covering one specific course in detail before moving on to the next. The key difference lies in the order of course coverage and the level of detail provided.

**What does Breadth First Learning aim to achieve in Computer Science education?**

Answer: Breadth First Learning aims to help students understand what they will be learning throughout their entire Computer Science degree program. It provides an abstract view of all major courses in Computer Science, helps students understand the content of each course, emphasizes the importance of each course, and provides a bigger picture of the field.

**What topics are covered in the introductory course mentioned in Module 2?**

Answer: The introductory course in Module 2 covers various topics, including Search Engine Usage Techniques, History of Computing, Data Storage, Data Manipulation, Operating System, Networking and the Internet, Algorithms, Programming Languages (basics of C++), Software Engineering, Data Abstraction (covering concepts like Arrays, Stack, Queue, and trees), Database Systems, Artificial Intelligence, CS impact on society, Content Filtering, Spam, International laws, Word Processing, Presentations Development, Spreadsheet (using tools like Microsoft Excel), Database MS Access, and Web Page Development (using tools like Dreamweaver).

**why does the course focus on Google as a search engine?**

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Answer: The course focuses on Google as a search engine because it is the most widely used search engine and holds the majority of the market share for internet searches.

**How does Google determine relevant search results, as explained ?**

Answer: Google determines relevant search results by finding web pages that contain all the terms given in the search query. It searches for pages that match the query's terms.

**what is the purpose of using the query "Weather Lahore" in Google search?**

Answer: Using the query "Weather Lahore" in Google search is done to retrieve information about the weather in Lahore. It helps users quickly access current weather conditions and forecasts for a specific location.

**How can Google be used for performing mathematical calculations?**

Answer: Google can be used for performing mathematical calculations by simply typing the desired calculation in the search bar. For example, typing "12\*391" will trigger Google's calculator function, which will automatically calculate and display the result.

**What is the significance of adding "pkr" in front of a number when using Google search**

Answer: Adding "pkr" in front of a number in a Google search query is a way to specify a particular currency. It helps users find information related to products or services with prices in Pakistani Rupees (PKR).

**How does Google handle capitalization when performing searches,?**

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Answer: Google does not distinguish between capital letters and small letters when performing searches. It is case-insensitive, meaning that a search for "COMPUTER SCIENCE" and "computer science" will yield the same results.

**what does the "@" symbol represent when used in Google searches for social media platforms?**

Answer: When the "@" symbol is used in Google searches, it indicates a search for a specific query on a particular social media platform. For example, searching for "Fifa World cup @facebook" is a way to find information related to the FIFA World Cup on Facebook.

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