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Courses » Introduction to Modern Application Development

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Unit 2 - Week 1

Lectures: Introduction to the Internet



Course outline

How to access the portal?

Week 1 Lectures: Introduction to the Internet

- Meet your Instructors: Prof. Gaurav Raina (IIT Madras)
- Meet your Instructors: Tanmai Gopal (co-founder, Hasura)
- 2. Introduction to a web-app
- 3. Building a web-app
- 4. Networks
- P1: Practical: Running your own web-server
- 5. Protocols
- Quiz : Assignment 1
- Week 1 Feedback

Week 2 lectures: Building your webapp

Week 3 Lectures: Databases

Week 4: Introduction to security for webapps

Assignment 1

The due date for submitting this assignment has passed. **Due on 2018-02-21, 23:59 IST.** As per our records you have not submitted this assignment.

(multiple correct answers are possible, no negative marking, no partial marking for questions)

1) Which of the following statements are true: 1 point

- A webapp is a software that lets you access websites
- A webapp is defined as a software that can be downloaded from the web
- A webapp is a tool which helps us build websites
- A webapp is a software we can use in a web browser

No, the answer is incorrect.

Score: 0

Accepted Answers:

A webapp is a software we can use in a web browser

2) Which of the following statements is NOT a definition of a web server: 1 point

- A network component that helps route requests from clients to servers
- A software for users to browse the internet
- A software that listens to requests and responds to them
- A computer with access to the web

No, the answer is incorrect.

Score: 0

Accepted Answers:

A network component that helps route requests from clients to servers

A software for users to browse the internet

A computer with access to the web

3) Choose the incorrect statements: 0 points

- The browser makes a request to the DNS server, the DNS server makes a request to the web server, the web server responds to the browser
- The browser does a DNS lookup and after that the browser contacts the web server using the IP
- The browser does not need an IP to contact the server
- None of the above statements are incorrect

No, the answer is incorrect.

Score: 0

Accepted Answers:

The browser does a DNS lookup and after that the browser contacts the web server using the IP

The browser does not need an IP to contact the server

Week 5 - Android Application Development

Week 6 - Advanced Databases and Introduction to iOS

Week 7: Modern Development Practices

Week 8 - Concluding Lectures

Download

4) Shared hosting is better than dedicated hosting because -

1 point

- It has better performance
- It typically comes with a dedicated IP
- It offers users more control over their server
- Shared hosting is cheaper, but not better

No, the answer is incorrect.

Score: 0

Accepted Answers:

Shared hosting is cheaper, but not better

5) The deployment process for a web app does not involve -

1 point

- Installing your web server on your hosting provider (or server hardware)
- Installing your application code on your hosting provider (or server hardware)
- Buying a domain name
- Creating a website

No, the answer is incorrect.

Score: 0

Accepted Answers:

Buying a domain name

Creating a website

6) Which of the following cannot act as a web server host?

1 point

- Your laptop
- A virtual computer on the cloud (like AWS)
- Your TV
- Your smartphone

No, the answer is incorrect.

Score: 0

Accepted Answers:

Your TV

7) Which of the following statements are correct?

1 point

- A URL represents the server a client wants to make a request to
- A URL helps identify the resource a client wants to make a request to
- URLs help find the fastest route on the network
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

A URL represents the server a client wants to make a request to

A URL helps identify the resource a client wants to make a request to

8) Which factor does NOT influence the performance of a webapp?

1 point

- The browser used to open the webapp by your users
- The quality of the network between client and server
- The hardware configuration of the server
- The browser that you used while testing and deploying your webapp

No, the answer is incorrect.

Score: 0

Accepted Answers:

The browser that you used while testing and deploying your webapp

9) Which of the following statements is correct?

1 point

- "abc.com" and "abc.in" do not share the same domain name



- "abc.com" and "abc.in" are different resources of the same webapp
- "abc.com" and "abc.in" have the same application owner
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

"abc.com" and "abc.in" do not share the same domain name

10A web app developer CANNOT completely control the following parts of their application: 1 pt

- The language and framework the webapp is built on
- The speed with which your webapp loads
- The requests your webapp will receive
- The hardware configuration of the server

No, the answer is incorrect.

Score: 0

Accepted Answers:

The speed with which your webapp loads

The requests your webapp will receive



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