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NPTEL

Courses » **Introduction to Modern Application Development**

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Unit 3 - Week 2 lectures: Building your webapp

Course outline

How to access the portal?

Week 1 Lectures: Introduction to the Internet

Week 2 lectures: Building your webapp

○ Module P2: Practical: SSH + Network experiments

○ Module P3: Practical: Building a webapp with nodejs and using git. Introduction to reverse proxies.

○ Module P4: Module P4: Practical: Introduciton to server-side javascript and HTML/CSS

○ Module P5: Introduction to client-side Javascript

○ Module P6: Practical: APIs and mobile apps use web-servers

○ Quiz : Assignment 2

○ Week 2 Feedback

Week 3 Lectures: Databases

Assignment 2

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 is/are valid HTTP request methods   *1 point*

   ☐ POST
   ☐ SEND
   ☐ RECEIVE
   ☐ GET

   No, the answer is incorrect.
   Score: 0

   Accepted Answers:
   POST
   GET

2) Which of the following statements are incorrect: *1 point*

   ☐ localhost needs a DNS lookup while 127.0.0.1 does not
   ☐ 127.0.0.1 requires connection to a network while localhost does not
   ☐ localhost and 127.0.0.1 both link to the loopback network interface
   ☐ There is no difference between localhost and 127.0.0.1

   No, the answer is incorrect.
   Score: 0

   Accepted Answers:
   127.0.0.1 requires connection to a network while localhost does not
   There is no difference between localhost and 127.0.0.1

3) Which HTML tag is used to create a hyperlink   *1 point*

   ☐ <a>
   ☐ <href>
   ☐ <hr>
   ☐ <link>

   No, the answer is incorrect.
   Score: 0

   Accepted Answers:
   <a>

4) Opening www.imad.tech on a browser fetches   *1 point*

   ☐ We can't be sure

☐ The robots.txt file on the server
☐ The resource mapped to path '/' on the server
☐ The resource mapped to path 'imad' on the server

No, the answer is incorrect.
Score: 0

Accepted Answers:
The resource mapped to path '/' on the server

5) Which of the following statements are correct: *1 point*

☐ By default, HTTPS runs on port 443 while HTTP runs on port 8080
☐ HTTP does not require a security certificate while HTTPS does
☐ HTTP does not ensure delivery of all data packets while HTTPS does
☐ HTTPS encrypts the data in packets for security while HTTP does not

No, the answer is incorrect.
Score: 0

Accepted Answers:
HTTP does not require a security certificate while HTTPS does
HTTPS encrypts the data in packets for security while HTTP does not

6) What is the main reason the internet is moving towards IPv6?   *1 point*

○ IPv4 addresses will run out
○ IPv4 is slower than IPv6
○ IPv6 is more secure
○ IPv6 is cheaper

No, the answer is incorrect.
Score: 0

Accepted Answers:
IPv4 addresses will run out

7) How many ports does a computer have?   *1 point*

○ As many as we need
○ 65536
○ 65535
○ 8080

No, the answer is incorrect.
Score: 0

Accepted Answers:
65536

8) SSH is not used primarily for: *1 point*

☐ making HTTP requests to a web server
☐ accessing a remote computer
☐ checking network path to a remote computer
☐ writing a web server

No, the answer is incorrect.
Score: 0

Accepted Answers:
making HTTP requests to a web server
checking network path to a remote computer
writing a web server

9) Which of the below IPs is/are invalid?   *1 point*

☐ 255.256.255.256
☐ 0.0.0.1
☐ 3ffe:1900:4545:3:200:f8ff:fe21:67cf

☐ 012.123.234.345

No, the answer is incorrect.
Score: 0

Accepted Answers:
255.256.255.256
012.123.234.345

10)ping' command can be used for: *1 point*

☐ checking the network route to the server

☐ checking network latency to the server

☐ resolving hostname to an IP

☐ deploying our web server

No, the answer is incorrect.
Score: 0

Accepted Answers:
checking network latency to the server
resolving hostname to an IP

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