Q: What code print the endianness of operating system?

:

A. console.log('endianness : ' + os.getEndianness());

B. console.log('endianness : ' + os.endianness);correct

C. console.log('endianness : ' + os.endianness());

D. None of the above.

ANS : B

Q. To use function which is declared in another module which of the following is correct to import that module?

A) import('./page2')
B) inclue('./page2')
C) require('./page2')
D) required('./page2')

Ans : C

Explanation : the syntax require('page path') is correct.

Q- Which of the following is true about fs module of Node?

A - Every method in fs module have synchronous as well as asynchronous form.

B - Asynchronous methods of fs module take last parameter as completion function callback and first parameter of the callback function as error.

C - Both of the above.

D - None of the above.

Answer : C
Explanation:
Every method in fs module have synchronous as well as asynchronous form. Asynchronous methods of fs module take last parameter as completion function callback and first parameter of the callback function as error.

Q. Which of the following is correct code to create http server?

A) http.startServer()
B) https.createServer()
C) http.createServer()
D) http.listen()

Ans : C
Explaination : To create http server there is method in http object createServer()

Q : which property is available in module object to export?
a) export
b) exports
c) exporter
answer - b) exports
Module object contains a property called exports that is used to export js file.

Q. to create a web server in node js, which module is required?
a.http
b.fs
c.os
d.none of above

ans: a. http , must be included for creating a web server

Q : Which of the following uses scripted HTTP?
a) XML
b) HTML
c) Ajax
d) CSS

Answer: c
Explanation: AJAX stands for Asynchronous JavaScript And XML. The key feature of an Ajax application is that it uses scripted HTTP to initiate data exchange with a web server without causing pages to reload.

Q. node js is-------------

A. Synchronous
B. Asynchronous

ans :Asynchronous

explanation: Node. js favors asynchronous APIs because it is single-threaded.
This allows it to efficiently manage its own resources,
but requires that long-running operations be non-blocking,
and asynchronous APIs are a way to allow for control of flow with lots of non-blocking operations

Q : What is the alternative command used in Node for load()?
a) store()
b) module()
c) log()
d) require()
Answer: d
Explanation: require() is used for including other javascript files. Use require() instead of load(). It loads and executes (only once) the named module, returning an object that contains its exported symbols.

Q : How can you kill node.js process?
A. Ctrl + C
B. Ctrl + B
C. Ctrl + K
Answer - A

Q : Node.js is _____ Language.

A. Server Side
B. Client Side
C. Both

Answer: A (Server Side)

Q : Which statement executes the code of sample.js file?
A. nodejs sample.js
B. node sample.js
C. sample.js
D. None of the above

Answer-B

Q: What are core features of Express framework?
A. Allows to set up middlewares to respond to HTTP Requests
B. Defines a routing table which can works as per HTTP Method and URL
C. Dynamically render HTML Pages
D. All of the above

Answer: D

Q: What function arguments are available to Express.js Route handlers?

A. req - the request object
B. res - the response object
C. next
D. All of the above

Answer : Option D

Explaination: Above all are route handlers

Q : which rout method is used for updating the table content?
a)put
b)post
c)delele
d)none
answer:put

Q : which route method is used for inserting and deleting the table content?
a)put and post
b)post and delele
c) get and post
answer:b

Q. Which route method is used for execution of code for every request?

a) each()
b) use()
c) common()
d) none

Answer : B
Explanation : To execute common code for every request we use use() method

Q. How do you kill a process in Node.js?
Ctrl + C
Ctrl + B
Ctrl + K
Answer
Ctrl + C

Q. Node uses ___ engine in core.*
Chorme V8
Microsoft Chakra
SpiderMonkey
Node En

Answer--Chorme V8

Q : The $ npm is statement is used to list down all the locally installed module?

A. True
B. False

Answer: True (Option A)

Q : What are core features of Express framework?
A. Allows to set up middlewares to respond to HTTP Requests
B. Defines a routing table which can works as per HTTP Method and URL
C. Dynamically render HTML Pages
D. All of the above
Answer: Option D

Q : Route paths, in combination with a request method, define the endpoints at which requests can be made. Which of following are valid form of route path?

A. strings
B. string patterns
C. regular expressions
D. All of above
Answer= D

Q : npm stands for_____

1) Node project manager
2) Node Package manager
3) New project manager
4) New package manager

Answer--2)Node package manager

Q: _____is not a valid HTTP method.

A. setHeader
B. PUT
C. POST
D. GET

Answer: setHeader (Option A)

Q: How to associate an object to a key on a node?
a) getUserData()
b) cloneNode()
c) setUserData(key,data,handler)
d) clonedata()
Answer: c
Explanation: The Node.setUserData() method allows a user to attach (or remove) data to an element, without needing to modify the DOM. This method is used to associate an object to a key on a node.

Q : Simple or complex functionality organized in a single or multiple JavaScript files which can be reused throughout your Node.js application is called _____.

A. Module
B. Library
C. Package
D. Function

ANSWER-Module
Explanation->Module is a simple or complex functionality organized in single or multiple JavaScript files which can be reused throughout the Node application.

Q: Which of the following are Node.js streams types?
Writable
Duplex
Readable
All of the above
ANS:
All of the above

Q. to get the request body from the client(postman) , we need to include which module ?
a. 'parser'
b.'request-parser'
c.'client-parser'
d.'body-parser'

ans. d. to get request body, we need to include body-parser module, on which we can further specify format, like json

Q : Where is captured values are populated regarding route parameters?
A. req.params object
B. app.locals object
C. req.data object
D. None of above

Answer - A

Q: What is/are the purpose(s) of Node.js:

A. Real-time web applications
B. Network applications
C. Distributed systems
D. General purpose applications
E. All of the above

Answer - E. All of the Above

Q ; Javascript is -- language ?
A) scripting
B) application
C) programming
D)none
Answer :A

Q: Which of the following code can make a request to a web server?

A - http.request(options, callback)

B - http.createRequest(options, callback)

C - http.makeRequest(options, callback)

D - None of the above.

Answer : A
Explanation
http.request(options, callback) method can be used to make a request a web server.

Q : Which of the following is true about fs module of Node?
A. Every method in fs module have synchronous as well as asynchronous form
B. Asynchronous methods of fs module take last parameter as completion function callback and first parameter of the callback function as error
C. Both of the above
D. None of the above

answer is option c

Q : Where is captured values are populated regarding route parameters ?
A. request.params object
B. app.locals object
C. request.data object
D. None of above
Answer :- A request.params object

Q: Which method is used to compare the placement of two nodes in the DOM hierarchy (document)?
a) compareDocumentPosition()
b) cloneNode()
c) getUserData()
d) getFeature()
View Answer

Answer: a

Explanation: The compareDocumentPosition() method is used to compare the placement of two nodes in the DOM hierarchy (document). The return value is an integer value whose bits represent the calling Node's relationship to otherNode within the Document.

Q : **In Node process is _____**

a)Global Object
b)Local Object
answer-a)

Q : Which of the following code prints current directory?

A - console.log('Current directory: ' + process.cwd());

B - console.log('Current directory: ' + console.cwd());

C - console.log('Current directory: ' + process.currenWorkingDirectory());

D - None of the above.
Answer : A
Explanation

process.cwd() can be used to get the current working directory.

Q : What does the nodeName of the nodeType Document return?
a) doctype name
b) target
c) #comment
d) #document

Answer: d
Explanation: The nodeName of the nodeType Document returns #document. If the node is an element node, the nodeName property will return the tag name. If the node is an attribute node, the nodeName property will return the name of the attribute.

Q. In Node.js APIs of Node.JS are which of the following?
A. Asynchronous
B. Synchronous
C. Both of the above
D. None of the above
Answer: A

Q: What are core features of Express framework?
A. Allows to set up middlewares to respond to HTTP Requests
B. Defines a routing table which can works as per HTTP Method and URL
C. Dynamically render HTML Pages
D. All of the above
Answer: Option D

Q : Which of the following is not considered a JavaScript operator?
A. new
B. this
C. delete
D. typeof
Ans: B

Q : who wrote Node.js?

a. james gosling
b. Ryan Dahl
c. Jordan Walke
d. Brendan Eich

answer: b

Q: Route paths, in combination with a request method, define the endpoints at which requests can be made. Which of following are valid form of route path?
A. strings
B. string patterns
C. regular expressions
D. All of above

Ans: D

Q : When should you use JSON Web Tokens?

a. Authorization: Once the user is logged in, each subsequent request will include the JWT, allowing the user to access routes, services, and resources that are permitted with that token.

Information Exchange: JSON Web Tokens are a good way of securely transmitting information between parties.
c. none
d. a and b

ans: a and b, a because because of its small overhead and its ability to be easily used across different domains.
b beacuse Because JWTs can be signed—for example, using public/private key pairs—you can be sure the senders are who they say they are.Additionally, as the signature is calculated using the header and the payload, you can also verify that the content hasn't been tampered with.

Q : JWT in the serialized form represents a string of the following format:

A. [signature].[header].[payload]
B. [header].[payload].[signature]
C. All of these
D. None of these

Answer: Option B

Q: How to install JWT(JSONWebToken)?
A. npm install jsonwebtoken
B. sudo install jsonwebtoken
C. Both A and B
D. None of these

Answer: Option C

Q : How to install crypto?
A. npm install crypto-js
B. npm install crypto
C. npm install crypto>js
D. None of these

Answer: Option A

Q : Which of the following core module is used to create a web server in Node.js?
A. fs
B. url
C. connect
D. http

ans :- D

Q : Response.status(401) is used for?

A. Unauthorized Access
B. Cannot Connect to server
C. Both A and B
D. None of these

Answer: Option A

Q : Which of the following us true regrading package.json file?

A) It is contains metadata information about project
B) npm install command read all dependencies available in package.json file to download dependency files
C) Both A & B
D) None of the above

Answer : C)
Explanation : package.json file contains all metadata about project, it include all dependencies of project so that in future without sharing dependencies file we can just share package.json file

Q : JavaScript implementations of standard and secure cryptographic algorithms to store data includes?
A. MD5
B. HMAC
C. SHA-512
D. All of the above

ANS : D

Q: how many ways we can send data to server?
1 - 1
2 - 3
3 - 0
4 - none of the above

answer: we can send data to server in three ways by using :
query parameter
body parameter
path parameter

Q : To install Node.js express and mysql2 module
A. $ npm install express mysql2
B. $ node install express mysql2
C. $ install express mysql2
D. None of above
ANSWER: A

Q : Which of the following template engines can be used with Node.js?

A. Jade
B. Vash
C. Handlebars
D. All of the above
Answer= D

Q: Simple or complex functionality organized in a single or multiple JavaScript files which can be reused throughout your Node.js application is called _____.

A) Library
B) Package
C) Function
D) Module

Answer : D-Module

Q : What are core features of Express framework?
A. Allows to set up middlewares to respond to HTTP Requests
B. Defines a routing table which can works as per HTTP Method and URL
C. Dynamically render HTML Pages
D. All of the above

ans = D all are features

Q._____is a great logging tool that anyone who works with HTTP servers in Node.js can use. it is a middleware that allows us to easily log requests, errors, and more to the console. It's easy to use, but still powerful and customizable.

a.nodemailer
b.jwt
c.morgan
d.none

ans: c ,morgan, we must include it using require method,and use method to make it functional,in use,we can state standard string format like combined,tiny to display log, or can make a customize string using callback function.

Q : How install morgan module
A. sudo install morgan
B. node install morgan
C. sudo npm install morgan
D. None of above
Ans : Option C

Q) Node REPL is used to

1. get the last command used
2. evaluate simple expressions
3. print informational warning
4. perform heavy computation

ANS : 1

Q : How install all npm module
A. sudo install
B. sudo npm install
C. node install
D. None of above
Ans : Option B

Q. Which module is used for API documentation?

A. morgan
B. multer
C. cors
D. swagger
Answer: D

Q : What is the function used to remove all handlers for name events?
a) deleteAllListeners(name)
b) deleteListener(name,f)
c) removeListener(name,f)
d) removeAllListeners(name)
View Answer

Answer: d
Explanation: The removeAllListeners(name) is used to remove all handlers from name events
represented as :
emitter.removeAllListeners(name)

Q : How to test if two nodes are equal?

A. isEqualNode()
B. equal()
C. ==
D. none of the mentioned

answer-A

Q : Where is captured values are populated regarding route parameters?
A. req.params object
B. app.locals object
C. req.data object
D .none of above

answer : A

Q. In Nodejs how node based web servers differ from traditional web servers?
A. Node based server uses a single threaded model and can serve much larger number of requests compared to any traditional server like Apache HTTP Server.
B. Node based server process request much faster than traditional server.
C. There is no much difference between the two.
D. All of the above

Answer: A

Q : Middleware functions can perform the task/s:
A. Make changes to the request and the response objects.
B. End the request-response cycle.
C. Call the next middleware function in the stack.
D. All of the Above

Answer: Option D

Q: What is Middleware in Express.js?
A. A function that is invoked by the Express routing layer before the final request handler.
B. A function that is invoked by the Express routing layer after the final request handler.
C. None of these
D. Both A and B

Answer: Option A

Q : Which of the following are not Node.js web application frameworks for?
A) Express.js
B) Geddy
C) Aurelia
D) Locomotive
answer= C) Aurelia

Q : Node.js is _____ by default.
A. Synchronous
B. Multi-threaded
C. Asynchronous
D. None of the above

Answer-> C. Node.js is Asynchronous by default

Q : How can we create chainable route handlers for a route path in ExpressJS app?

A. Using app.route()
B. Using app.router()
C. Using app.routing()
D. All of these
Answer A

Q : Q: In ExpressJS, the method app.all(path, callback [, callback ...]) can accept all HTTP methods

A. True
B. False
C. Insufficient data
D. None

Answer: Option A

Q : Why a Node.JS code is pretty fast although being written in JavaScript?
A . Node.JS internally converts JavaScript code to Java based code and then execute the same
B. Node.JS internally converts JavaScript code to C based code and then execute the same
C. Being built on Google Chrome's V8 JavaScript Engine
D. None of the above

Answer: Option C

Q : Which of the following command will show all the modules installed globally?

A - $ npm ls -g
B - $ npm ls
C - $ node ls -g
D - $ node ls

Ans : A

Q.In Nodejs how node based web servers differ from traditional web servers?

A. Node based server uses a single threaded model and can serve much larger number of requests compared to any traditional server like Apache HTTP Server.
B. Node based server process request much faster than traditional server.
C. There is no much difference between the two.
D. All of the above

Answer - A

Q: Middleware functions can perform which of the following tasks:

A. Execute any code.
B. Make changes to the request and the response objects.
C. End the request-response cycle.
D. Call the next middleware in the stack.
E. All of the above
answer : E. all of the above as,
Middleware functions are functions that have access to the request object (req), the response object (res), and the next function in the application's request-response cycle. The next function is a function in the Express router which, when invoked, executes the middleware succeeding the current middleware.

Q : Which is a fast c++ based javascript interpreter ?

a) Node
b) Sockets
c) Processors
d) Closures
Answer- a (Node)

Explanation : Node.js is an open source, cross platform javascript run-time environment that executes javascript code outside of a browser

Q : From the following options indicate a correct association of the PROMPT, HEAD and RCPT commands with protocols where they are used?

a. HTTP, SMTP, FTP
b. FTP, HTTP, SMTP
c. HTTP, FTP, SMTP
d. SMTP, HTTP, FTP
ANSWER: FTP, HTTP, SMTP

Explanation:
PROMPT- This command is used in FTP
HEAD-used in HTTP asks for the response identical to the one that would correspond to a GET request but withQ. A software that lies between the OS and the applications running on it.
a) Firmware
b) Middleware
c) Utility Software
d) Application Software

Answer: b
Explanation: It is called as middleware. Middleware enables the interaction between the Operating System and the applications running on it. out the response body.
RCPT- used by SMTP. It is used to establish the return address or return path.

Q. A software that lies between the OS and the applications running on it.
a) Firmware
b) Middleware
c) Utility Software
d) Application Software

Answer: b
Explanation: It is called as middleware. Middleware enables the interaction between the Operating System and the applications running on it.

Q : Questions- How to store local variables that can be access within the application?

A. Using app.locals
B. Using app.storage
C. Using database
D. Config file

Answer:A

Q : How Node.js modules are availble externally
A.module.exports
B.module.spread
C.module.expose
D.None of Above

ANSWER-module.exports

Q: Which of the following is a GUI-based debugging tool for Node.js?

A. Core node debugger
B. Console
C. REPL
D. Node Inspector

Answer:D

Q: Which of the following statement is false about space parameter in JSON.stringify()?

1-It controls spacing in resulting JSON strin
2-It is an optional parameter
3-It removes white spaces
4-All are false

Answer:3

Q : Which of the following code will not throw an error?
A. JSON.parse(");
B. JSON.parse(null);
C. JSON.parse();
D. JSON.parse({});
Ans:B

Q : Which of the following is true about __filename global object?

A - The __filename represents the filename of the code being executed.
B - The __filename represents the resolved absolute path of code file.
C - Both of the above.
D - None of the above.

Answer : C

Q: What function arguments are available to Express.js Route handlers?
A. req - the request object
B. res - the response object
C. next
D. All of the above

Answer: Option D

Q : What are the HTTP methods supported by REST?
A. GET
B. HEAD
C. OPTIONS
D. ALL OF THESE
Answer: Option D

Explaination:
GET: It requests a resource at the request URL. It should not contain a request body as it will be discarded. Maybe it can be cached locally or on the server.
HEAD: About the request URL it returns meta information.
OPTIONS: It indicates which techniques are supported.

Q: Q why is API documentation so important?
A.Saves Support Time and Costs
B.Easier Maintenance
C.Improved User Adoption
D.All of the above

Answer: D

Q : Q. Which of the following module is used to upload files?

A) multer
B) morgan
C) swagger
D) nodemailer

ANS : A) multer
Explanation :
multer : To upload files
morgan : for logging
swagger : documentation
nodemailer : to send emails

Q : The $ npm ls statement is used to list down all the locally installed module?

A. True
B. False
Answer:True

Q : How many number of callback functions can be attached to handle a request ?
A. Just one
B. Unlimited

Answer: Option B - Unlimited

Q : How can we create chainable route handlers for a route path in ExpressJS app?
A. Using app.route()
B. Using app.router()
C. Using app.routing()
D. All of these

Ans A

Q : Whether you can use GET request instead of PUT to update/create a resource?

A. YES
B. NO

Answer: Option B
Explaination:
No, you are not supposed to use PUT for GET. GET operations should only have view rights, while
PUT resource is used for updating a data.

Q : Which of the following HTTP Status code means BAD REQUEST?

A - 400

B - 401

C - 404

D - 409

Answer:400

Q : Which of the following is true about readable stream?
A. Readable stream is used for read operation
B. Output of readable stream can be input to a writable stream
C. Both of the above
D. None of the above

Answer- C

Q : Q. The $ npm ls -g statement is used to list down all the locally installed module?
A. True
B. False

ANSWER: False

Q : Which of the following Node object property returns the local part of the name of a node?
a) lastName
b) localName
c) firstName
d) objectname

Answer: b
Explanation: The Node object property localName Returns the local part of the name of a node. If the selected node is not an element or attribute, this property returns NULL.

Q : Node.js is _____ by default.

A. Synchronous
B. Multi-threaded
C. Asynchronous
D. None of the above
Answer: C

Explaination: Node js is bydefault asynchronous in nature

Q : Which node type represents the root-node of the DOM tree?
a) Document
b) DocumentFragment
c) DocumentType
d) Entity

Answer: a
Explanation: Everything inside an html document is classified in the form of different nodes. The node type Document represents the root-node of the DOM tree, the entire document.

Q : multer is a node.js middleware,which
A. is used for handling multipart/form-data.
B. adds a body object and a file or files object to the request object.
C. accepts an options object, the most basic of which is the dest property,
D. will rename the files so as to avoid naming conflicts.
E.all of the above
ANS : E, all of the above because A. as it is primarily used for uploading files.
B. The body object contains the values of the text fields of the form, the file or files object contains the files uploaded via the form.
C. which tells Multer where to upload the files.
D.By default,The renaming function can be customized according to your needs.

Q : Which of the following statement is valid to use a Node module fs in a Node based application?

A - var fs = require("fs");

B - var fs = import("fs");

C - package fs;

D - import fs;

Answer : A
Explanation
Require directive is used to load a Node module(fs) and store returned its instance(fs) into its variable(fs).

Q : How to install multer js module?
A. npm install --save multer
B. sudo npm install multer
C. npm install multer --save
D. All of the above

Answer- D. All of the above