


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

Explanation : 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

Explanation: 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) setData(key,data,handler)
- d) clonedata()

Answer: c

Explanation: The Node.setData() 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 is true regarding package.json file?

- A) It contains metadata information about project
- B) npm install command reads 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 includes 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 without the body. 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

Explanation:

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

Explanation:

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

Explanation: 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

Q: uuid stands for

- a)universal unique identifier
- b)uniform unique identifier
- c)unique identifier
- d)none

Answer- a)

Q: uuid is used for?

- a)create file
- b)generate unique token
- c)import file
- d)none

ans = b

Q: Command to install uuid?

- 1-npm install uuid
- 2-npm install uuid --save
- 3-both 1 and 2
- 4-none

Answer 3-both 1& 2

Q : Which of the following is true about RESTful web services?

- A. Webservices based on REST Architecture are known as RESTful web services
- B. Webservices uses HTTP methods to implement the concept of REST architecture
- C. Both of the above
- D. None of the above

Answer: Option C

Q : Which of the following module is required for path specific operation ?

- A. Os module
- B. Path module
- C. Fs module
- D. All of the above

Answer : Option B Path Module

Q : RESTful web services ?

- A. Defines its own security.
- B. Inherits security measures from the underlying transport.correct
- C. Both of the above wrong
- D. None of the above

ANS : B

Q. What is the other name for object middleware?

- a) Object request interface
- b) Object enabled interface
- c) Object Request broker
- d) Object enabled broker

Answer: c

Explanation: It is also called as object request broker. It gives the applications ability to send the objects and receive services through an object.

Q : guid stands for :

- A. Global Unique Identifier
- B. GET Unique Identifier
- C. Global Identifier
- D. GET Identifier

Ans: Option A

Q : Which of following is right way to generate unique token?

- A)Token = uuid.v4()
- B)Token:uuid.v4()
- C)Token :uuid.v4{ }

Answer- A

Q. The ____ module provides utilities for working with file and directory paths,in which

The ____ method joins all given path segments together using the platform-specific separator as a delimiter, then normalizes the resulting path.

Zero-length path segments are ignored. If the joined path string is a zero-length string then '.' will be returned, representing the current working directory.

- A. path,path.join()
- B. fs, fs.join()
- C. A and B both
- D. None of the above

ANS : AThe path.join() method joins the specified path segments into one path.

Q. What is long form of REST?

- A) Reset State Transfer
- B) Reform Engine Secondary Technology
- C) Representational State Transfer
- D) None of the above

ANS : C)

Q : Which of the following code prints process version?

- A - `console.log('Current version: ' + process.version());`
- B - `console.log('Current version: ' + process.version);`
- C - `console.log('Current version: ' + process.getVersion());`
- D - None of the above.

Answer : B

Explanation

`process.version` can be used to get the current process version.

Q : Which of the following is true about `package.json`?

- A - `package.json` is present in the root directory of any Node application/module.
- B - `package.json` is used to define the properties of a package.
- C - `package.json` can be used to update dependencies of a Node application.
- D - All of the above.

Answer : D

Explanation

`package.json` is present in the root directory of any Node application/module and is used to define the properties of a package. It can also be used to update dependencies of a Node application

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 : 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 : 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

Q : What are variables in Typescript?

- A. A variable name should contain alphabets and numeric digits
- B. It cannot contain spaces and special characters except underscore (_) and dollar (\$) sign
- C. A variable name cannot begin with a digit
- D. All Answer D

Q : who developed typescript?

- a)microsoft
- b)google
- c)apple
- d)None

ans:microsoft developed typescript

Q : How to compile page.ts automatically with real-time changes in the .ts file?

- A. tsc page.ts
- B. node page.ts
- C. tsc --live page.ts
- D. tsc --watch page.ts

Answer: Option D

Q : What are the variable scopes available in TypeScript?

- A. Global Scope
- B. Class Scope
- C. Local Scope
- D. All of the above

Answer D

Q : What are the benefits of Typescript?

- A. It helps in code structuring
- B. Use class based object oriented programming
- C. Impose coding guidelines
- D. All of the above

Answer:D

Q: TypeScript is a ____ language

- A) Open Source
- B) Closed
- C) Free
- D) Both A and C

Answer: A

Explanation : TypeScript is a open source language

Q : What are the benefits of Typescript?

- A. It helps in code structuring
- B. Use class based object oriented programming
- C. Impose coding guidelines
- D. All of the above

Answer: Option D

Q : Which object oriented terms are supported by Typescript?

- A. Modules
- B. Classes
- C. Interfaces
- D. All of these

Answer= D

Q : When was the first time TypeScript was made public?

- A. December 2012
- B. October 2012
- C. October 2013
- D. November 2013

Answer:- B. October 2012

Q : List some features of Typescript?

- A. Typescript is a superset of JavaScript that provides typed nature to your code
- B. Typescript can be used for cross –browser development and is an open source project
- C. Typescript can be compiled to all major versions of Javascript(ES3,ES5,ES6,ES7)
- D.All of the above

Answer: Option D

Q : What are the variable scopes available in TypeScript?

- A. Global Scope
- B. Class Scope
- C. Local Scope
- D. All of the above

Ans : D

Q. Which are the different Data Types supported by Typescript?

- A. Boolean var bValue: boolean = false
- B. Number var age: number = 16
- C. String var name: string = "jon"
- D. All of the above mentioned

answer:D

Q : What are the components of TypeScript?

- A. TypeScript Language
- B. TypeScript Compiler
- C. TypeScript Language Service
- D. All of these

Ans:D

Q. Extension of typescript file ?

- A) .js
- B) .ts
- C) .nod
- D) .tt

ANS B) .ts

Q : variable in class scope are known as ;

- A. field
- B. property
- C. method
- D. data member

Answer: B property

Q : List some features of Typescript?

- A. Typescript can be compiled to all major versions of Javascript(ES3,ES5,ES6,ES7)
- B. Typescript can be used for cross –browser development and is an open source project
- C. Typescript is a superset of JavaScript that provides typed nature to your code
- D. All of the above

Ans: D

Q : TypeScript may be used to develop JavaScript applications for

- A.client-side
- B.server-side
- C.none of the above
- D.both A & B

Answer : D

Q : Which are the different Data Types supported by Typescript?

- A. Boolean -let Value: boolean = false
- B. Number -let age: number = 16
- C. String -let name: string = "jon"
- D. All of the above mentioned

Answer :D

Q : Additional features in typescript in comparison to javascript?

- new features in TS are

- A. .data types
- B. compilation of code
- C. introduced class as an OOP concept
- D. it is statically typed language
- E. All of the above

ans : E, as TypeScript is a language that is a superset of JavaScript,TypeScript offers all of JavaScript's features,and an additional layer on top of these: TypeScript's type system.

Q : What are the components of TypeScript?

- A. TypeScript Language
- B. TypeScript Compiler
- C. TypeScript Language Service
- D. All of these

ANS : D

Q : Which of the following is correct about tsconfig.json?

A - This file is used to give the options about TypeScript used for the Angular JS project.

B - This file contains information about Angular 2 project.

C - This file contains the system files required for Angular JS application.

D - All of the above.

Answer: Option A

Q : Which Angular directive is used to binds the value of HTML controls (input, select, textarea) to application data?

A. ng-cloak

B. ng-bind

C. ng-model

D. ng-blur

Answer: **C**

Q: AngularJS needs data in JSON format to populate its model.

A - true

B - false

Answer : A

Explanation

AngularJS needs data in JSON format to populate its model.

Q : angular is used for ?

a)single page application

b)multipage application

c)both

d)none

Answer :a

Q : Who is the developer of Angularjs?

A. Brad Green

B. Misko Hevery

C. Adam Abrons

Answer: B. Misko Hevery

Q : Which community Angular JS belongs to?

- A)Twitter
- B)Google
- C)Microsoft
- D)Facebook

Answer : B

Q : Which of the following is true about ng-disabled directive?

- A - ng-disabled directive can enable a given control.
- B - ng-disabled directive can disable a given control.
- C - Both of the above.
- D - None of the above.

Answer : C

Explanation

ng-disabled directive disables/enables a given control.

Q : Which of the following is correct about TypeScript?

- A - Angular is based on TypeScript.
- B - This is a superset of JavaScript.
- C - TypeScript is maintained by Microsoft.
- D - All of the above.

Answer:D - All of the above.

Q : Can we nest ng-app directive?

- A) true
- B) false

Answer - B) false

Q : Q.2 AngularJS is entirely based on HTML and JavaScript?

True

False

ANSWER--TRUE

Q : Q) The "declaration file" .d.ts in typescript functions as an

- A) Interface
- B) Assembly
- C) Both
- D) None pf them

Answer : A - interface

Q. Which command is used to create new angular app?

- A) ng new <appname>
- B) npm new <appname>
- C) ng create <appname>
- D) None

Answer : A)

Q. List some features of Typescript?

- A. Typescript can be compiled to all major versions of Javascript(ES3,ES5,ES6,ES7)
- B. Typescript can be used for cross –browser development and is an open source project
- C. Typescript is a superset of JavaScript that provides typed nature to your code
- D. All of the above

answer:D

Q. Which command is used to run angular app?

- A) ng serve
- B) npm serve
- C) ng start
- D) None

Answer : A)

Q. Angular is ____?

- A. Single page application
- B. Multiple page application
- C. Above both
- D. None of above

Ans : A

Q The advantages of AngularJS are –

- A. It provides the capability to create Single Page Application in a very clean and maintainable way.
- B. It provides data binding capability to HTML. Thus, it gives user a rich and responsive experience.- AngularJS code is unit testable.
- C. AngularJS uses dependency injection and make use of separation of concerns.
- D. AngularJS provides reusable components.
- E. All of the above

Ans : E

Q : command to create new component

- A) ng g c <name>
- B) ng generate component <name>
- C) both

D) none

Answer = C) both

Q : What is the decorator used for configuring your module class?

@NgApp

@NgModule

@NgAngular

@NgConfigure

View Answer

@NgModule decorator is used for configuring your module class.

Q : Q- Angular.module is primarily used to create application module.

A - true

B - false

Answer : A

Explanation

angular.module is primarily used to create application module.

Q : Which Angular directive is used to binds the value of HTML controls (input, select, textarea) to application data?

A. ng-cloak

B. ng-bind

C. ng-model

D. ng-blur

Answer: C

Q : what selector is used for?

a)to load child component in parent component

b)select the component

c)both

d)none

ans:a

Q. {{ }} is used for?

a) string interpolation

b) event binding

c) class binding

Answer: String interpolation

Q : How angular.module works?

A - angular.module is used to create AngularJS modules along with its dependent modules.

B - angular.module is primarily used to create application module.

C - Both of the above.

D - None of the above.

Answer: C - Both of the above.

Q. AngularJS needs data in JSON format to populate its model.

A - true

B - false

Answer : A

Explanation

AngularJS needs data in JSON format to populate its model.

Q : AngularJS directives can be written in Templates as

1)Tag

2)Attribute

3) **Class name**

4)All of the above

Answer-4

Q : What MVC stands for?

A - Model View Control

B - Model View Controller

C - Main View Controller

D - Main View Control

answer-B

Q : Which one of following is correct syntax for creating a module in AngularJs?

a) var myModule= angular.module();

b) var myModule= new Module();

c) angular.module("app", []);

Answer : angular.module("app", [])

Q. Which directive is used to start an angularJS application?

- A) ng-app
- B) ng-start
- C) ng-begin
- D) ng-init

ANS : A)

Q : AngularJS expressions are written using

- A. (expression)
- B. {{expression}}
- C. {{{expression}}}
- D. [expression]

Answer : B

{{expression}}

Q : Q - Which of the following is true about ng-model directive?

- A - ng-model directive binds the values of AngularJS application data to HTML input controls.
- B - ng-model directive creates a model variable which can be used with the html page and within the container control having ng-app directive.
- C - Both of the above.
- D - None of the above.

Answer : C

Explanation

ng-model directive binds the values of AngularJS application data to HTML input controls. It creates a model variable which can be used with the html page and within the container control(for example, div) having ng-app directive.

Q : Q Default port for angular is

- A.8080
- B.9900
- C.4200
- D.3000

Answer: C 4200

Q : Q. data binding, in it property binding can be done by

- A. string interpolation
- B.attribute binding
- C.class binding
- D.ALL of the above

Ans : D

Q : AngularJS directives are used in _____

- A. Model
- B. View
- C. Controller
- D. Module

Ans :- B. View

Q: which of the following can be used as a prefix for Directive?

- 1-ng-
- 2-x-
- 3-data-
- 4-All of the Above

Answer-4

Q : In AngulsrJS HTML document is loaded and evaluated first in the browser. Mean while in AngularJS _____ ?

- A. JavaScript file is loaded
- B. The angular global object is created
- C. Your JavaScript which registers controller functions is executed
- D. All of above

Ans :-D

Q : Which object oriented terms are supported by Typescript?

- A. Modules
- B. Classes
- C. Interfaces
- D. All of these

Answe -D. All of the above

Q : What does AOT stand for?

Angular Object Templates
ahead-of-time compilation
Angular Open Terminal

Answer

AOT stand for ahead-of-time compilation

Q. Angular JS directives can be written in templates as

- A. Tag
- B. Attribute
- C. Class name
- D. All of the above

answer: D

Q : Is AngularJs supports two way binding?

- A. True
- B. False

Answer :True

Q : On the opposite side of event bindings (()) lie Angular's square-bracket syntax ([[]]) which signify a

- A.property binding
- B.class binding
- C.style binding
- D.Both A & B

ans :- D

Q : In Angular directive allows us to iterate through a collection.

- A) NgRepeat
- B) NgWhile
- C) NgIf
- D) NgFor

Answer: D

Q : Which community Angular JS belongs to?

- Twitter
- Google
- Microsoft
- Facebook

Ans: Google

Q : what is *ngIf

- a)tag
- b)selector

c)structural directive

Ans : c

Q : The _____directive inserts the result of an expression into the HTML template

- A. Debug
- B. Interpolation
- C. Matching
- D. Controller

Answer-B

Q. Components are a logical piece of code for Angular JS application. A Component consists of the following –

- A. Template – This is used to render the view for the application. This contains the HTML,CSS that needs to be rendered in the application. This part also includes the binding and directives.
- B. Class – This is like a class defined in any language such as C. This contains properties and methods. This has the code which is used to support the view. It is defined in TypeScript.
- C. Metadata – This has the extra data defined for the Angular class. It is defined with a decorator.
- D. All of the above

answer : D

Q : In Angular directive allows us to switch between values.

- A) NgSwitch
- B) NgWhile
- C) NgIf
- D) NgFor

Answer: A

Q : How would you display a list of Employees on a webpage along with where they were in the list?

- A. Loop through and print the index
- B. Loop through and print the employees
- C. Loop through and print the index and the employee
- D. Pass both the index and the employee to a web service

Answer C

Q : The _____ directive is used if you want to add or remove HTML elements from the DOM based on data in the model

- A. ng-switch
- B. ng-model
- C. ng-disabled
- D. ng-cloak

Answer-A

Q) To iterate over an array inside HTML which of the following is used?

- A) For loop
- B) For Each
- C) Ng For
- D) Ng If

Answer - C) Ng For is used to iterate over an array inside HTML

Q : AngularJS expressions are written using

- A. double braces like {{ expression }}
- B. single braces like {expression}
- C. small bracket like (expression)
- D. capital bracket like [expression]

Answer: A) double braces like {{ expression }}

Q: Interpolation in angular 2 is done using

- 1. {{ }}
- 2. {{|var| }}
- 3. {{{ }}}}
- 4. !!!!

Ans- 3

Interpolation in angular 2 is done using {{ }}

Q : 18. AngularJS directives are used in _____

Module

Controller

Service

View Answer:--view

Q: Which directive binds the values of application data to HTML input controls in angular JS?

- A. ng-app
- B. ng-model
- C. ng-bind
- D. None of the above

Answer:B

Q : Q) If you want to add routing manually which of the following term is used?

- a)<router-outlet></router-outlet>
- b)<app-outlet></app-outlet>
- c)<app-module></app-module>
- d)<router-module></router-module>

Answer-a)<router-outlet></router-outlet>

Q : Which one of following is correct syntax for creating a module in AngularJs?

- a) var myModule= angular.module();
 - b) var myModule= new Module();
 - c) angular.module("app", []);
- Ans=angular.module("app", [])

Q : Q. Which components can be injected as a dependency in AngularJS?

- A) Application Module
- B) constant
- C) value
- D) factory

ANS: A

Q : Q. AngularJS expressions are written using.

- A. double braces like {{ expression }}
- B. single braces like {expression}
- C. small bracket like (expression)
- D. capital bracket like [expression]

answer:A

Q : Which of the following directive allows us to use form?

- A. ng-include
- B. ng-form
- C. ng-bind
- D. ng-attach

Answer ng-form

Q : Which of the following directive allows us to use form?

- A. ng-include
- B. ng-form
- C. ng-bind
- D. ng-attach

Answer ng-form

Q) How to combine filter with expression?

- A)Using Comma {{expression, pipe}}
- B)Using Dot {{expression. pipe}}
- C)Using Pipe {{expression | pipe}}
- C)Using Slash {{expression / pipe}}

Answer: C

Q : Can we nest ng-app directive?

- A) True
- B) False

answer= B) False

Q : Dependency injection (DI), are

- A. an important application design pattern.
- B. Angular own DI framework, is typically used in the design of Angular applications to increase their efficiency and modularity.
- C. Dependencies are services or objects that a class needs to perform its function.
- D. it is a coding pattern in which a class asks for dependencies from external sources rather than creating them itself.
- E. In Angular, the DI framework provides declared dependencies to a class when that class is instantiated.

- F. use to make your apps flexible, efficient, and robust, as well as testable and maintainable.
- G. All of the above

Ans: G

Q : Angular provides how many types of compilation

- A. 2
- B. 3
- C. 5
- D. 1

ANSWER : Option A (2 types) Explanation: Angular provides two types of compilation:

1. JIT(Just-in-Time) compilation
2. AOT(Ahead-of-Time) compilation

Q : Working of ngOnInit()

- A. This hook gets called once, after the ngOnChanges hook.
- B. It initializes the component and sets the input properties of the component.
- C. None of these
- D. Both A and B

Answer: Option D (Both A & B)

Q : In Angular 2, applications rely upon the method to load top-level components

- a.loadstrap
- b.bootstrap
- c.bootload
- d.none of above

Answer-b

Q : Q spec.ts in component contains specs and additional code that's used for testing AppComponent ?

- A.true
- B.false

answer:A.true

Q : What is the decorator used for configuring your module class?

- a)@NgApp
- b)@NgModule
- c)@NgAngular
- d)@NgConfigure

Ans:

@NgModule decorator is used for configuring your module class.

Q : command to install angular services

- A) ng generate service <name>
- B) ng g s <name>
- C) both A and B
- D) none

Answer= C) both A and B

Q : How does an object or function can get hold of its dependencies in angular js?

- A. Typically using the new operator,
- B. dependency can be created By referring to a global variable,
- C. dependency can be looked up Dependency can be passed into where it is required
- D. All of the above

Answer: D

Q.) Which sign is used as prefix for the built-in objects in AngularJS?

- A)#
- B)%
- C)@
- C)\$

Answer : C

Q : What is data binding in angular JS?

- a)Synchronization between model part and view part
- b)Synchronization between controller part and view part
- c)Synchronization between model part and controller part
- d)None of the above

Ans: Synchronization between model part and view part

Q. How many \$RootScope an angular JS application can have?

- A. Zero
- B. One
- C. Two
- D. Infinity

answer: B

Q : Which object oriented terms are supported by Typescript?

- A. Modules
- B. Classes
- C. Interfaces
- D. All of these

Answe -D. All of the above

Q. Most front-end applications need to communicate with a server over the HTTP protocol, in order to download or upload data and access other back-end services.

- Angular provides a simplified client HTTP API for Angular applications, the HttpClient service class in @angular/common/http.

The HTTP client service offers which of the following features:

- A. The ability to request typed response objects.
- B. Streamlined error handling.
- C. Testability features.
- D. Request and response interception.

- Ans : all of the above

Q : Which service is used to communicate with remote server?

- 1)\$interval
- 2)\$http
- 3)\$animate
- 4)\$timeout

answer:2