Install node.js

1)Write a program to create a module and develop a calculator.

2)Write a program read data from a file.

3)Write a program to read data from a file and write data into another

file.

4)Write a program to read data from a

html file and display on the browser.

5)Write a program to read a JSON data and display on the browser.

1.

Create a job on Jenkins in your cloud labs to pull code from the git repository you have created in

the previous assignment.

2.

Share the screen shots of the successful build of the job.

3.

Also share your jenkin admin credentials to verify the same.

1)Write a program to

coping data from one file to another

using grunt

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2)Write a program to

compile or debuging a file

using grunt

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3)Write a program to

concate

2 or more files

using

grunt

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4)Write a program to

adding header or footer to all the files

using

grunt

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5)Write a program to

minification of files

using

grunt

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1)Write a program to create database in mongodb using node.js.

2)Write a program to insert data into mongodb using node.js.

3)Write a program to select data from mongodb using node.js.

4)Write a program to create database in MySql using node.js.

5)Write a program to insert data into Mysql using node.js.

6)Write a program to select data from Mysql using node.js.

Node project

Instructions to Candidates:

1.Write the code which are instructed as per the requirement.

2.This is a web based application

3.User interface should be responsive and capable of working on laptop, Tablet and mobiles

4.Make use of HTML5 to create forms ,Node.js as middleware and MySql as database.

5.Maintain consistency in naming conventions

6.Use best practices wherever possible

7.Application has to be rich in User experience

E-Stationary Mart is a application, which helps the employees to request for any stationary items which they may require at the work place. The following are the requirements of the application.

1. Create a E-Stationary Mart Request:

1. The application should allow the user to use the application only after authenticating the user with username and password.

2. The application lists down the available set of stationary items and the employee has to select the particular item that he wants to select.

3. On selecting a particular item it displays the details like Product Name, Unit Price and a textbox to capture the requested quantity. There will be two buttons Add-to-cart and another button called Order.The Add-to-cart button can be clicked to add more items and when the

Order button is clicked it displays the total number of items selected by

the employee and an order will be placed to the admin

b. Modification of E-Stationary mart request

If the request is not approved by the admin yet, the request can be modified by the employee

c. Cancel an E-Stationary mart request

If the request is not approved by the admin yet, the request can be

cancelled by the employee

d. View all the requests made earlier

The user should be allowed to view all the requests made by him