

## Nodejs lab Assignments

1. Install nodejs on your machine and use  
npm init

To create package.json file

2. Add following dependancies in package.json file
  - a. Express, body-parser, cookie-parser, jade
3. Install all dependancies by using command
  - a. npm install
  - b. see the node-module directory getting generated
4. Design a form to Accept Employee id,name,age and salary  
Send a post request to a application retrieve details from the form  
display those details in browser and in console window
5. Change the program written in assignment 4.  
Create a empmodule.js file. Store employee array. Add data in employee array.  
And display data in browser in json format.
6. Change the assignment written in Question 4 and 5. To perform  
CRUD operation.  
Use mongoDB database as backend.  
Write a WEB service using NodeJS and expressjs, to support get,  
post, put and delete request.
7. Develop node.js web application using expressjs  
To display a form to accept a number from user
  - a. if the number is divisible by 3, print "fizz"
  - b. if the number is divisible by 5, print "buzz"
  - c. if the number is divisible by both 3 and 5, print "fizzbuzz"
8. Design a nodejs application to display file home.html
  - a. Display 2 links on it
  - b. Register user
  - c. Login

If register user is clicked then display a form to accept username, password,  
emailid and role of user, Once user submits the form then store details in an  
array.  
And display home page  
If user selects login then accept username and password from user and  
display emailid and role in console window as well as in browser.

Error message if the name not found.