

SSN College of Engineering, Kalavakkam
Department of Computer Science and Engineering
VI Semester - CSE 'C'
UCS1611 INTERNET PROGRAMMING LAB

Academic Year: 2020-2021

Batch: 2018-2022

Faculty: Dr. A. Beulah

Due Date: 22.4.21, 27.4.21

Exercise 8: Programs using Node.js

- a. Write a Node.js program that reads all the greetings from the file greetings.txt, asks the user "What is your name?", then prints a random greeting followed by the given name. Make sure to check for the case where the file doesn't exist! For example, if the greeting is "Hey", then the program will print "Hey, Joe" to the console, then pick some other greeting and do the same until finished. Use Non-blocking I/O.
- b. Write a Node.js program that reads all the greetings as before. When all the greetings are loaded, it creates a server listening on port number 8080. On request, it checks for whether there is a name value in the query string. If there isn't, the value of query.name will be undefined.

In other words, if you access <http://localhost:8080/?name=Mike>, then your browser should just display something like "Hello, Mike" when the page loads.

greetings.txt

Hello
Hey
Hi
What's up
Welcome

c. Create a web server using node.js which listens for clients request. Once the client request the server, the server returns a web page which contains a list of books and its details in table format.

d. Create a DB with the following details using MongoDB:

Database Name: Patient_Details

Table Schema: Name, age, ID, gender, address, marital status, Date of Visit

Write a node.js program to do the following operations:

Add, Delete, Update, Search.