

Class: Third Year (Computer Science and Engineering)

Year: 2020-21

Semester: 2

Course: Advanced Web and Mobile Application Development Lab (4CS381)

Practical No. 2

To install and configure Node.js server and IDE.

Exam Seat No:

2018BTECS00021 – Abhay Krushnat Shirale.

Problem Statement 1:

1. Create a separate workspace for your project using selected IDE.
2. Write a program to start a Node.js server on localhost and listens to the client requests on port number 8080.
3. Change the Node.js IP address and port number and start the server again.

Screenshot 1:



Information 1: listening to the client requests on port number 8080.

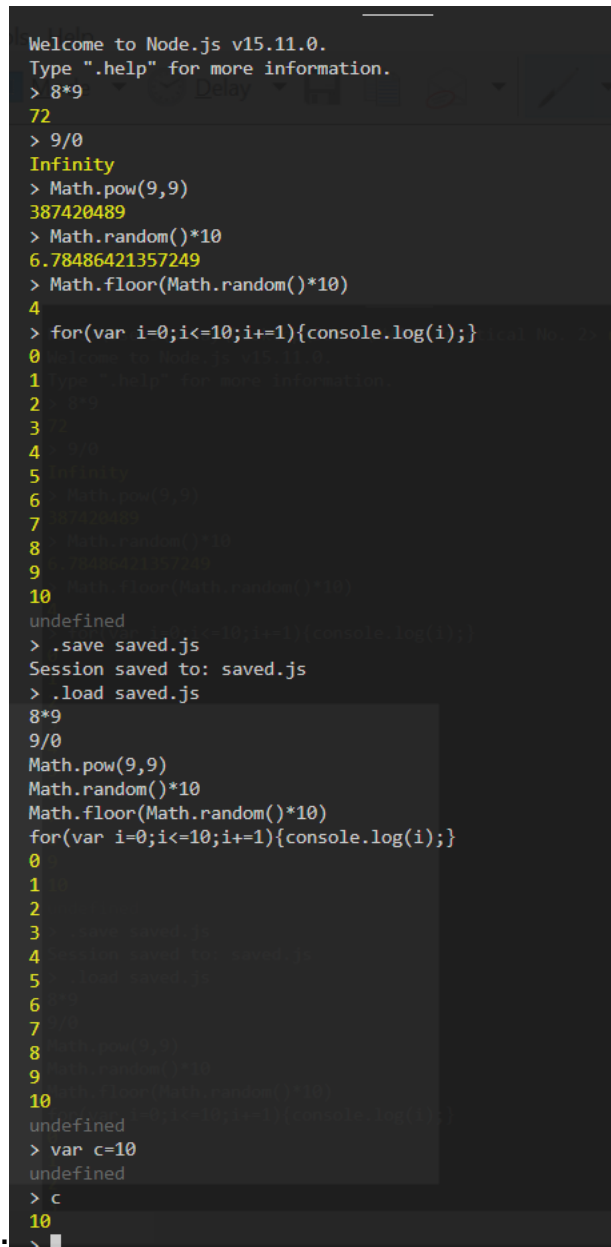
Screenshot 2:



Information 2: Changing the Node.js IP address and port number and starting the server again

Problem Statement 2:

1. Perform the fundamentals programming constructs such as operations, loops, variable assignments and printing their values using Node.js REPL environment.
2. Save the REPL session to a file and reload the REPL session.



```
Welcome to Node.js v15.11.0.
Type ".help" for more information.
> 8*9
72
> 9/0
Infinity
> Math.pow(9,9)
387420489
> Math.random()*10
6.78486421357249
> Math.floor(Math.random()*10)
4
> for(var i=0;i<=10;i++){console.log(i);}
0
1
2
3
4
5
6
7
8
9
10
undefined
> .save saved.js
Session saved to: saved.js
> .load saved.js
8*9
9/0
Math.pow(9,9)
Math.random()*10
Math.floor(Math.random()*10)
for(var i=0;i<=10;i++){console.log(i);}
0
1
2
3
4
5
6
7
8
9
10
undefined
> var c=10
undefined
> c
10
>
```

Screenshot 1:

Information 1`: The fundamental programming constructs

