Date: Unit No. 4 Assignment No. A 1. Explain the process of Node is file system for the following operations a open afile ib Read File ici write a file Ar Node is includes of module to access physical file system. The fr module is responsible for all the asynchronocu or synchronocu file ilo operations a open a file:-Alternatively, you can open a file for reading or curiting using is open is method As open (path, flags [mode]; call back) parameter Description: path: Full path with name of the file as a string ·flag: The flag to perform operation made: The mode for read, conte con read conte pefacette to 0666 read write milback: A function with two parameter or and to This will get calked when file open operation Computer 1 and a little with the second ib Read of les. use finadfiles method to read the physical tele asynchronoculy As read file [File name Coption] call back? For Read a file " 1 copy which was a series and Vouss= require ('si'); A read file ("test file text! function (or, data) } if (err) thomas err;

Preparing Today's Students to define Tomorrow's World.

console log (data);

	Coniting afileri-
	Color Method to conte data
	a collaborate exists then it over
	the existing content otherwise 9t creater a newfile
	and uniter data into it
	fr. conte tile filename, data Coptions], callback)
	En creating funting file
	copy
	var s= require ('f');
	for conite File ('text. Ext) "Hello world! function (en)
	if (err)
	concole. log (err);
	else
	concole. log ('con'te operation complete');
	\$);
2	Discuss about Node of Event Emitter with example
	Node is albury to make and handle autom
	events easily by using events module. Event
	module raise and handle autom events
	ex-Raire and Handle Noderis Events
1	Сору
1	var events = require ('events');
1	vacem = new events frents fmitter();
1	
-	em.m ('First Event; function (data));
-	3);
-	In the above example, we first import the events
1	module and then create an object of Event
	emitter dan

we then specify event handler function eving one function. The one method requires name Ob the event to handle and call back : Aunction which a called when an event is vovied The critic function raises the specified event fire parameter is norm of the event as a Iting and then againents. In event can be emitted with zero on more argument. you can speaky any more name for a custom event in the emiter ofunction. 3. Explain the process of express 11. web application? Ar Expres is provide an easy way to create ever seners and sende heml pages for different Hittp request by contigueing occition to your application exp server: app 1: Expres 11 whener Copy Vas enpres require ('express'): Now app = express (); vac. somer a applican (1000, function 103 console log ('Nod sens 's running '}: The app object includes methods for souting Hitp request, configuring middle war, reading Home view and registering a template

The application function creaty the Node is modele eving requires () functions The express module when a function. The function returns an object which can be cuted to configure express application Run the above example eving rode-app is command and print your browner to http:// local host; \$000. for will display cannot get because eur ham At Configueed any tocity yet.

Date: signment No. u) Explain the saving state resource in 100de. 959 In this Section, you will learn tow to serve static resources like images css, " gavascript or other state file using express one node state module Save static Resource using Express- is. it is early to some state file Using built in emages in express gs called express (static) Server (fr or) man man var express 2 require ('express'); vou express = express (); opp. use (express- static (-direct public')) von soulet = app. listen (5000): Example: Server resources from different folders vas express > require ('express'): var app = express (): app. use (express. State ('public')) app. use ('imager ' express. state (diname + /image

va sever - app. listen (5000 1:

Example " setting vioteral path. CIPP. USE (1/resource 1 express state (-dimarr+ 1) imaga 1)); Serve static Resource only node. state modules-Example: sowing static resources using node-static voe http = require ('http'); vou octate = require ('node - State'); var filesence (Runchion (req. res) & foleserver server (reg. rest); 3). listo (5000): 2 miner punt