Bahria University,

Karachi Campus

A picture containing text, room

Description automatically generated

LAB EXPERIMENT NO.

\_\_\_\_\_\_\_11\_\_\_\_\_\_\_

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | Write a Express js program to create a server successfully and print the greeting in bold format as the server response message to client. |
| 2 | We have seen a basic application which serves HTTP request for the homepage. Routing refers to determining how an application responds to a client request to a particular endpoint, which is a URI (or path) and a specific HTTP request method (GET, POST, DELETE and so on). Write a Express Js program that will handle more types of HTTP requests by using the code provided in the lab. |
| 3 | Write a Express js program to handle HTTP POST request by creating a signup form using your appropriate personal details. |
|  |  |
|  |  |

Submitted On:

\_\_28-12-2022\_\_

(Date: DD/MM/YY)

**LAB # 11**

**Task # 01:** Write a Express js program to create a server successfully and print the greeting in bold format as the server response message to client.

**Solution:**

var express=require('express');

var app=express();

app.get('/',function(req,res)

{

res.send('<h1>Greeting: Have A nice Day.....!!! </h1>');

});

var server=app.listen(3000,function() {});

});

**Output:**

Graphical user interface, text, application

Description automatically generated

**Task # 02:** We have seen a basic application which serves HTTP request for the homepage. Routing refers to determining how an application responds to a client request to a particular endpoint, which is a URI (or path) and a specific HTTP request method (GET, POST, DELETE and so on). Write a Express Js program that will handle more types of HTTP requests by using the code provided in the lab.

**Solution:**

var express = require('express');

var app = express();

app.route('/Node').get(function(req,res)

{

    res.send("<h1>Tutorial on Node</h1>");

});

app.route('/Angular').get(function(req,res)

{

    res.send("<h1>Tutorial on Angular</h1>");

});

app.get('/Get',function(req,res){

    res.send('<h1>Welcome Talha Dar</h1>');

});

app.get('/',function(req,res){

    res.send('<h1>Welcome to BSE 5B</h1>');

});

var server=app.listen(3000,function() {});

**Output:**

Graphical user interface, text, application

Description automatically generatedGraphical user interface, text, application, chat or text message

Description automatically generated

**Task # 03:** Write a Express js program to handle HTTP POST request by creating a signup form using your appropriate personal details.

**Solution:**

const express = require('express'); // Include ExpressJS

const app = express(); // Create an ExpressJS app

const bodyParser = require('body-parser'); // Middleware

app.use(bodyParser.urlencoded({ extended: false }));

// Route to Homepage

app.get('/', (req, res) => {

  res.sendFile(\_\_dirname + '/page1.html');

});

app.post('/', (req, res) => {

  // Insert Login Code Here

  let username = req.body.username;

  let password = req.body.password;

  let age=req.body.age;

  res.send(`Username: ${username} Password: ${password} Age:${age}`);

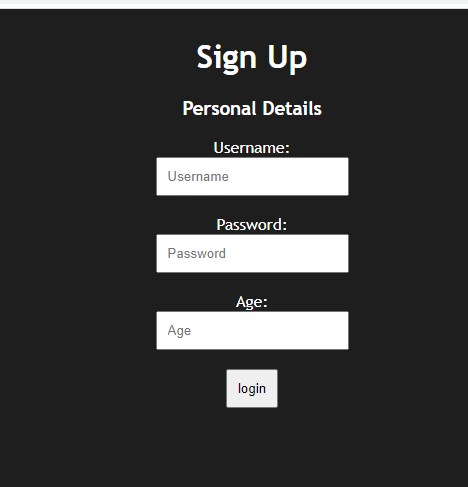
});

const port = 3000 // Port we will listen on

// Function to listen on the port

app.listen(port, () => console.log(`This app is listening on port ${port}`));

**Output:**



Graphical user interface, text, application

Description automatically generated