Bahria University,

Karachi Campus

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LAB EXPERIMENT NO.

**10**

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:

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:**

import express from "express"

var app=express();

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

{

res.send('<h6>Have A Good Day..!! </h6>');

});

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

**Output:**

****

**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:**

import express from "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('/show',function(req,res){

    res.send('<h6>Welcome M Muaz Shahzad</h6>');

});

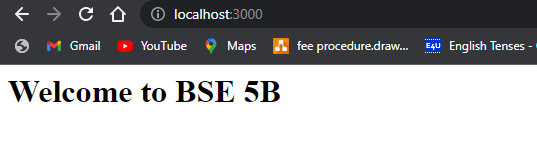
app.get('/',function(req,res){

    res.send('<h6>Welcome to BSE 5B</h6>');

});

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

**Output:**

****

**Graphical user interface, text, application, website

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Graphical user interface, text

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

**Solution:**

import express from "express"

var app = express();

import bodyParser from "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:**

