

## Sagarmatha college of science & Technology

TRIBHUVAN UNIVERSITY AFFILIATE

Lab Report On: NCC

Lab Report No: <u>05</u>

## **Submitted By:**

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Roll no: 11

Group: BSc.CSIT

## **Submitted To:**

CSIT Department

Date: Dec 11

1) Write a Client side Javascript Program to change the background color of a page on button click.

```
SOURCE CODE
```

```
<! DOCTYPE html>
< ntml lang = "en">
Zhead>
      Zmeta charset = "UTF-8" >
      L'meta name = "viewport" content = "width = device -
            widh, initial-scale = 1.0">
      Ltitle> Background Change Lititle>
      Lscript>
           vas btn = document. query Selector ('button');
           Junction random (num) s
                retrun Math. floor (Math. random () + (num+s));
        Junction change Bylolor 1) &
           Van nxt(0) = 'rgb(' + random (255)+','+
random (255) + ','+ random (255)
      document. body. style. background (olor = nxt601;
    21script>
1/head>
1 body>
      2 button on click = "change &g(olor 1)" > Change Color
       21button>
2/body>
21html>
```

2.) Write a jouery Program to hide <411> element on Button Click and fadeout element with id as Fade Id.

```
SOURCE CODE
```

```
1! DOCTYPE html>
2 ntml lang = "en" >
 Lhead>
      1 meta charset = "VTF-8">
      meta name : "viewport" content = "width = device -
        width, initial-scale = 1.0">
       Ltitle > Hide Element 21title>
      2 script src = "https: 11 ajax. googkapis. 10m lajax/
              libs/jquery/3.5.1/jquery.min.js">2/script>
       15 cript >
            $ (document). ready ( function 1) {
                & ("button") . click ( dunction () &
                   $ ("h1"). hide ();
                   $ (" # FadeId"). fade Out ();
            ز);
زار
       LIscript>
  LIhead>
  L body>
       2 h1> Hide Elements 21h1>
       2px id = "FadeId" > This will be fade out on click of
                the button 
       2 button > Mide Flement 21 button>
 21body>
  4html>
```

3.) Show how you can create Angulas Is application in Visual Studio.

## PROCESS INVOLVED

- -) In Visual Studio, "ASP. NET Web Application (.NET Framework)" was chosen.
- The project name was given as "Angulas Is Bijay"
- -> Then , the 'Emply' was selected and click on 'create'.
- -) In Nuget Parkage Manages, 'Angular Is. love' 12 as installed.
- > Controlles foldes was created along with two files App.js and Testlontrolles.js in it.

App.js
vas app = angulas. module ('myapp', []);

Test Controlles.js

app. controlles ('Test Controlles', function (\$scope) {

\$scope . test mess age = "Setup langular app on

Visual Studio successfully";

9);

-) Test. html was created with code as :-

```
< ! DOCTYPE html>
chtml long = "en">
2 head>
      I meta charset = "UTF-8">
      Zmeta nane = "viewport" content = "width = device - width,
                      initial -scale = 1.0">
     . Ltitle > Angular Js Bijay 21title >
     25 cript src = "Scripts langular.js" > </script>
     LScript Src = "Controllers /App. js" > 21script>
      Lscript src = " controllers | TrestController js" > 2/script>
1/head>
1 body ng-app="myapp">
        Idiv ng-controlles = "Test Controlles">
              2h2> {{ testmessage 99 </h2>
        21div>
11body>
21html>
```