Green University of Bangladesh

Department of Computer Science and Engineering

Group Assignment and Individual Presentation, Summer 2020

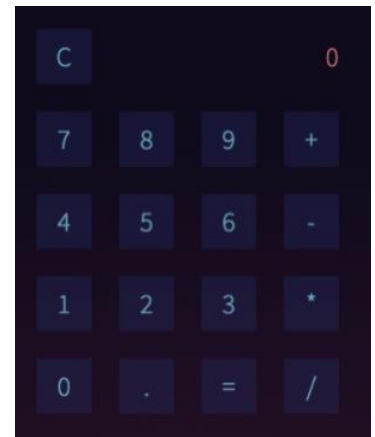**Course Code: CSE 301**   **Course Title: Web Programming**

Full Marks: 5+5   **Submission Deadline : September 4,2020**

*[You will complete this assignment in **groups of 3** & there will be a short viva on your assignment]*

Task : Build a Calculator Interface,

- that has the following buttons like the image below : **0**, **1**, **2**, **3**, **4**, **5**, **6**, **7**, **8**, **9**, **C**(Clear), **.**, **+,-,*,/**
- The buttons behave like how a normal calculator does
- that has a field where user can view what the result is
- that has the name and id of all 3 team members at the top of the page

Example Input & Output –

a. Initially input field shows **0**
b. If I click on 3 , The input field displays **3**
c. Then I click on +, The field still displays **3**
d. Then I click on 4, The field display **4**
e. Then I click on 5, The field displays **45**
f. Then I click on =, The field displays **48**
g. When I click "C", the input field again shows **0**

Hints –

a. Create Buttons with HTML and CSS
b. Add Onclick method on buttons
c. Append characters to an input string
d. Parsing Number from Input
e. Calculating Result
f. You can assume, there will never be more than 2 numbers as input
   [Bonus : Try if you can make it possible to input multiple numbers – 4*5*6 = 120]

Submission Format –

a. One member of the team should submit a zip file in google classroom.

b. the name of the zip should contain the id of all group members.

c. The zip file should contain the Screenshot, HTML, CSS and JavaScript code and a document file mentioning what challenges you faced and what is the contribution of each team member.

d. Then there will be a viva on September 7(Monday) on what you have learnt in doing the assignment.