

EASTERN UNIVERSITY, SRI LANKA

THIRD YEAR EXAMINATION IN SCIENCE - 2018/2019

Second Semester (July/Aug., 2022)

CS 3052 – Web Based Application Development (Practical)

Answer All Questions

Time allowed: Two hours

- Create a folder on desktop with your Index number (PSXXXX) and save all your project files and the outputs in the folder.
  - Sample images and all other necessary resources are given in the folder named "CS3052\_Images" on the desktop.
1. Create the following webpage for XYZ Institute for online registration to register Diploma in Business Management Course with following criteria.



**Diploma in Business Management**

HOME	SERVICES	ABOUT US	COURSES	CONTACT US
------	----------	----------	---------	------------

**Online Registration is Available Now!!!!**

User Name:

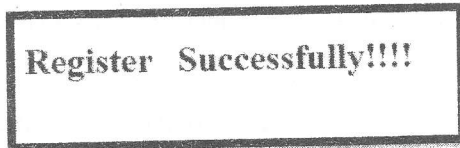
Email:

Paasword:

Gender:  
 Male  
 Female

©ALL RIGHTS RESERVED

- a. Use CSS style appropriately.
  - Form background: powder blue.
  - Home tabs: 1px solid black
  - Tabs background: RGBA (150, 212, 300,10)
- b. when the Reset button clicked, the form should be reset.
- c. when the Register button clicked, the following window should be displayed.

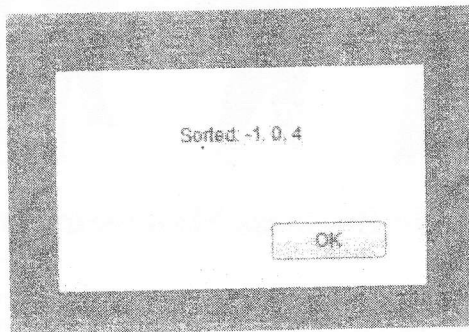


2.

- a. Write a JavaScript IF-ELSE statement to sort three numbers. Display an alert box to show the result.

Sample numbers: 4, -1, 0

Output:



- b. Write two JavaScript functions, the first function accepts a number  $b$  as a parameter and check whether the number is a prime or not. Then add another function to compute the value of  $b^n$  where  $n$  is the exponent and  $b$  is the base. Accept  $b$  and  $n$  input for the function and embed the result in the paragraph tag.  
*Hint: A prime number is a natural number greater than 1 that has no positive divisors other than 1 and itself.*

Sample numbers:  $b=2, n=3$

Output:

Exponent is: 3 and base is: 2 and exponential is 8

2 - Checking prime numbers: true