LAB 2

PREPARED BY DR ZURIANI MUSTAFFA

Q1. Supposed you are hired as a web developer by Company XYZ. Your task is to help the company to create an online registration form, based on the manual registration form, as shown in Figure 1. The company set a few criteria for the webpage, which is as follow:

a. Background color: any suitable color, except white
b. Font: any suitable font type, except Times New Roman
c. On the left side of the page, put the vertical image (VerticalBorder.png – provided in KALAM)
d. Feel free to be creative, as long as it fulfills the good requirement of website design.

Registration Form

Register new Account

Username: …………………………………………

Email:…………………………………………………

First Name:……………………………………………

Last Name:…………………………………………….

Password:…………………………………………….

Password Again:…………………………………….

Choose your subscription level (Please choose one. Underline which applicable.):

1. Free-free-unlimited (A completely free membership)
2. Basic-RM12-10 Days (The basic Level)
3. Medium-RM30-3 Months (The Medium Level)
4. Advanced-RM100-1 Year (The Advanced Level)

Auto Renew? If Yes, tTick the check box

How do you know about us? (You may choose more than one. Underline which applicable):

1. Media social
2. Friends

Figure 1: Manual Form

Example of the output, pre and post submission is as shown in Figure 2 and 3 respectively.

Figure 2: Pre Submission

Figure 3: Post Submission

Q2. Create a webpage for converter calculator from cm to inch and inch to cm. The formula is as shown in (1)

$$1 \text{ inch} = 2.54 \text{ cm} \tag{1}.$$

For background, you are required to use an appropriate image. You may search the image in the internet.

Example of the output before and after the conversion is as shown in Figure 4 and 5 respectively.

Figure 4: Pre Conversion

Figure 5: Post Conversion

Write a code to provide a suitable message to the user in order to avoid them from choosing same unit for both input and output. Example as shown in Figure 6.
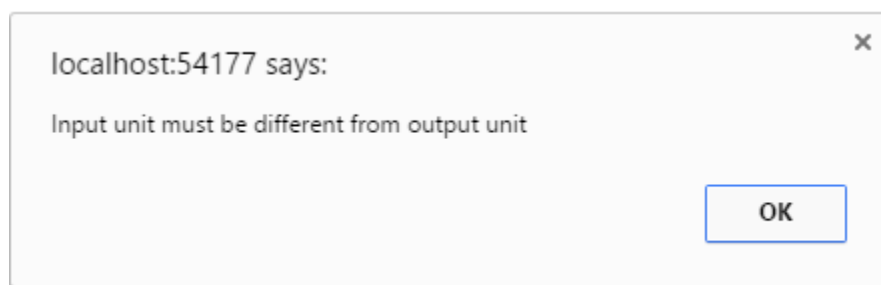

Figure 6: Message to user

3

Q3. By using a function, modify the code in Q2. Similar answer should be obtained.

Q4. Create an array containing your favorite cars/singers/things etc. No need to specify the length of the array. Then concatenate the elements of your array into one string, and after the opening sentence "My 5 favorite cars are:", display them in a clear way using the <asp:label> control.

My favourite singers are Rob Thomas, Chris Cornell, Celline Dion, etc, etc, etc, etc,

Figure 7: Example of the Output