

#### **COMPUTER STUDIES**

#### Paper 2

#### (PRACTICAL)

(Reading Time: 15 minutes) (Planning Session: one hour)

(Examination Session: two hours)

(Maximum Marks: 100)

## (Candidates are allowed additional 15 minutes for only reading the paper.

They must NOT start writing during this time)

## INSTRUCTIONS

- This paper consists of TWO sections: section A and section B. Section A is purely on HTML. Section B covers both HTML and JavaScript.
- Section A is compulsory. Section B contains **TWO** questions from which you are required to attempt **only ONE of them**.

• All your work should be saved in a folder named with your actual index number on the Desktop. For example, <sup>012070990123</sup> this folder is named with index number 012070990123. Your name or school name CANNOT be used as folder name or file names.

- Students are allowed to use ONLY **Notepad** for this practical. Use of any other HTML editors will result in cancellation of your work.
- The intended marks for questions or parts of questions are given in brackets [ ].

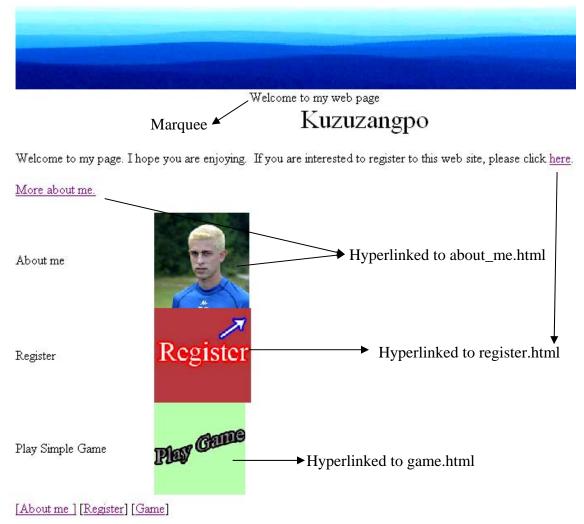
### SECTION A [50 marks] (Compulsory)

### **Question 1**

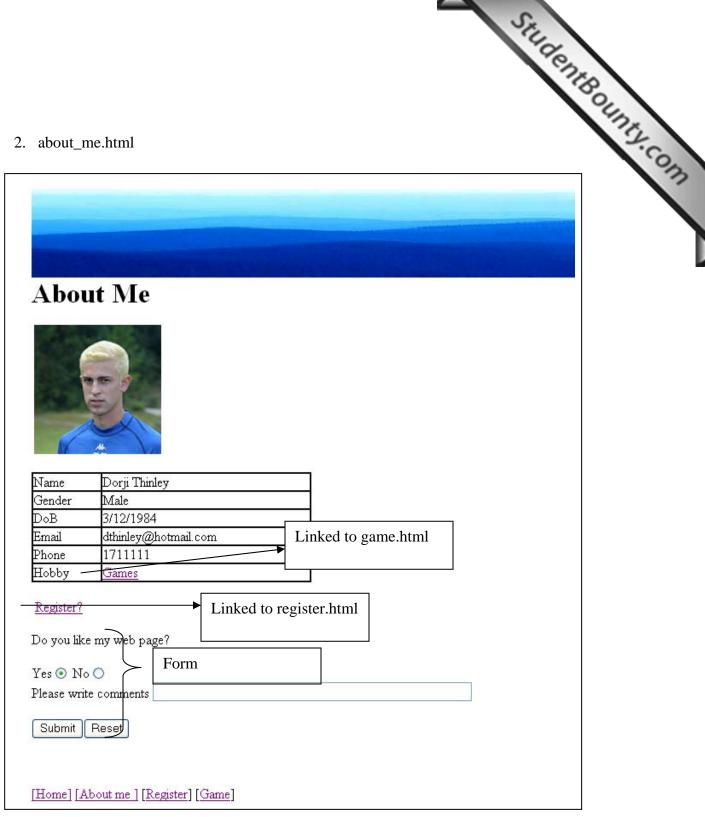
StudentBounty.com Design two web pages (index.html and about\_me.html), similar to the screen shots shown below. You can modify these pages to make attractive. However, all the features (images, marquee, tables, links, buttons, form, etc) are to be included in the respective pages.

#### Screen shots

1. index.html



2. about\_me.html



### **SECTION B** [50 marks] (Answer only one of the questions)

### **Question 2**

Design register.html, similar to the screen shot shown below.The page should include :

- StudentBounty.com (i) the rollover images (about\_me.jpg and game.jpg). The image "about\_me.jpg" should change to game.jpg when the mouse is brought over it and back to about\_me.jpg when the mouse is taken away (see fig 1 & 2);
- (ii) form and JavaScript to check if the name, email and the phone number fields are empty and also if the phone number is non numbers, when the form is submitted by a user and return valid message using alert box (see fig 3). If these fields are not empty and also if the phone number is a number, then display the name, email, and phone number using document object (see fig 4).

Fig 1
Register
Name Email Phone Submit Reset Back
[Home] [About me ] [Register] [Game]
Fig 2
Register
Name Email Phone Submit Reset
[Back]
[Home] [About me ] [Register] [Game] Fig 3
Name Dorji   Email   Phone     Submit Reset     Back     OK
[Home] [About me] [Register] [Game] Fig 4
Your name is Dorji, email address is dorji@hotmail.com , phone number is 17111111 Thank you for registering.

# **Question 3**

Design game.html, similar to the screen shot shown below. The page contains three JavaScript programs for the following purposes:

- StudentBounts.com (i) Sorting : ask for five names of animals from a user, sort the names in alphabetical order and display the sorted names using document object;
- (ii) Driving game: ask for age from a user and display the following messages;

User input (age)	Message	
0-16 (including 16)	You should be in the schools, not driving	
16-65 (greater than 16,	You can drive. If you don't have license, you can	
including 65)	apply for one	
65 -120 (greater than 65,	You are too old to drive	
including 120)		
Other than above age	Invalid age	

(iii) Find Mean: ask for five numbers from a user, calculate mean and display the result using alert box.

	Simple Games	
1. Sorting		
2. Driving game		
3. Find mean		
[Home] [About me ] [Register] [Game]		