VINH LONG UNIVERSITY OF TECHNOLOGY EDUCATION
PRACTICE CENTER

TEST PROJECT

PRACTICAL SKILLS

MODULE 1: WEB DESIGN

Exam Paper Code: WD01

SCHOOL LEADERSHIP	CHIEF SUBCOMMITTEE ON EXAM DEVELOPMENT

Vinh Long, month 07/2020

Student's name	Date of birth	Placement	Module
			Web Design

GUIDE CONTESTANTS

Time:
- Preparation Time: 05 minutes
- Time Duration: 150 minutes
- Break Time: 10 minutes

Scores:

	Exam content	Marks
1	Programming with HTML/CSS	30
2	Programming with JavaScript	30
3	Use the MySQL	10
4	Programming with PHP	30
	Total Marks	**100**

Candidates are required to note:
- Ensure safety standards of health and computer
- Do the test independently without discussing while doing the test
- Comply with regulations of exam room and proctor's instructions
- Fill the information in the form
- Complete all requirements in the content of the exam
- Do not use documents, the Internet and other communication devices during the assignment
- If the exam does not have special requirement for the file name and storage location, contestants save all exam file name in the folder as following format**:**
  D:\WorkSkills\Web Design
  <Student's Name>_< Student code >[.< extension >]

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CONTENT OF THE TEST

Question 1:

Programming with HTML/CSS:

Use HTML/CSS code to design the following page:

DESCRIPTION OF PROJECT AND TASKS

- o Make heading "My exciting website!" is black, bolders and make them use Arial font or any serif font on the system.

- o The navigation bar will have a black background color.

- o The navigation items should have link is white and its font-size is 120%.

- o Make subheading "An Exciting Blog Post" is black and bolders.

- o The ballons picture name is ballon.jpg. It also links to http://www.vlute.edu.vn/.

- o The picture should have no borders and be 250 pixels wide.

- o The text section under the image must be way to 20px with the image.

- o The navigation bar should scroll with the content and then become stuck at the top of the viewport when it reaches it.

o   The definition terms are bolded.

o   Notice that there are two distinct sections on the page.

o   The content inside each section should be 20 pixels away from all edges.

Question 2:

Programming with JavaScript:

Write the necessary JavaScript code **createtable.js** for the functionality of the following page:

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DESCRIPTION OF PROJECT AND TASKS

- This page allows users to create tables based on the number of rows and columns of different styles.
- The input box for the column number has id "numCol".
- The input box for the row number has id "numRow".
- The "Style1" button has id "style1".
- The "Style2" button has id "style2".
- The "Style3" button has id "style3".
- The "Clear" button has id "clear".
- When the user clicks on "Style1", the page will create a table with the number of columns and rows given in the input box on the page.
- When the user clicks on "Style2", the page will create a table with the number of columns and rows given in the input box on the page. Red highlight the contents of cells whose columns are odd numbers.
- When the user clicks on "Style3", the page will create a table with the number of columns and rows given in the input box on the page. Red highlight the contents of cells diagonally from left to right.
- Clicking the "Clear" button will delete the contents of the column and row data box.

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Question 3:

      Use the MySQL create database Mannerings:

      The database schema:

Houses

REFNO	TOWN	TYPE	BEDROOMS	PRICE	HEATING	GARAGE
13678	Croydon	Detached	4	250,000	Yes	Double
13679	Croydon	Semi-Detached	3	165,000	No	Single
13700	Redhill	Flat	2	110,000	Yes	None
13702	Crawley	Detached	4	220,000	Yes	Double
13703	Crawley	Semi-Detached	4	145,000	Yes	Single
13705	Croydon	Terrace	3	95,000	No	None
13708	Brighton	Terrace	3	150,000	Yes	None
13709	Redhill	Detached	3	165,000	Yes	Single
13711	Crawley	Detached	3	175,000	Yes	Double
13712	Brighton	Flat	2	75,000	Yes	None
...	...	...	...	...	...	...

DESCRIPTION OF PROJECT AND TASKS

      Using the mannerings database, find all houses with no garages. Show both town, type, bedrooms, price and garage. Eliminate duplicate results.

      This is the output you should get:

Houses

REFNO	TOWN	TYPE	BEDROOMS	PRICE	HEATING	GARAGE
13700	Redhill	Flat	2	110,000	Yes	None
13705	Croydon	Terrace	3	95,000	No	None
13708	Brighton	Terrace	3	150,000	Yes	None
13712	Brighton	Flat	2	75,000	Yes	None

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Question 4:

Programming with PHP:

Use database **Mannerings** from module C write a page that displays the result of a query in PHP. Create a new folder in your My PHP Sites folder called Mannerings. Open a new PHP file and save the file as index.php. Create a suitable heading for the page and enter the following text to act as links:

- Display all properties
- Search for properties by town

And page **display.php:**

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And page **search.php**

DESCRIPTION OF PROJECT AND TASKS

- o The "Display all properties" text link to page **display.php**.
- o The "Search for properties by town" text link to page **search.php**.
- o The display.php page write code to display details of all houses in table format and also to display the number of properties.
- o The input box for the town name has id "txtTown".
- o The "Search" button has an id of "query".
- o On clicking the Search button the page should be reloaded to display the relevant list of properties. ONLY ONE PAGE IS REQUIRED.

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GENERAL TRANSCRIPT

	Exam content	Maximum Marks	Achieved Marks
1	Programming with HTML/CSS	30	
2	Programming with JavaScript	30	
3	Use the MySQL	10	
4	Programming with PHP	30	
	Total Marks	**100**	

TEST TIME

Get to know the equipment		Time Duration		Break Time			
Starting time		Starting time		Starting time		Starting time	
Ending time		Ending time		Ending time		Ending time	

TEACHERS' SIGNATURE

1	2	3	4	5