

TEST PROJECT
PRACTICAL SKILLS

MODULE 1: WEB DESIGN

Exam Paper Code: WD01

SCHOOL LEADERSHIP	CHIEF SUBCOMMITTEE ON EXAM DEVELOPMENT
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Guide contestants

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

- Use the images in folder [\\Web Design\Flowers](#).
- Make heading “**THE MOST BEAUTIFUL FLOWERS**” is blue, bolders and make them use Times New Roman font (or any serif font on the system), bold and center align.
- List flowers is blue color and left align.
- Border of the table is double dash style and red color.
- Border of rows is single dash and green color
- Last row “Incnut Digital” link to <https://www.stylecraze.com/> and right align.
- When mouse over any name of flower in list flower then show image of the flower at the right column and title the flower change to red color and size larger size.
- Set size of the image flower is the same and fit to the right column.
- Save the file with name Flower.html

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Question 2:

Programming with JavaScript:

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

Current State			
+---+	2	8	3
+---+	1	6	4
+---+	7		5
+---+			

DESCRIPTION OF PROJECT AND TASKS

- Create the table has 3 rows and 3 columns.
- Each cell gets a value random between 0 and 8.
- Value of each cell is unique.
- Assign blank value for cell has 0 value.
- When user is pressing left_click on any cells then the value of cell turns red color.
- After the user has clicked, the values of all cell turn black color.
- If the adjacent cell is been clicking blank cell then the content of those 2 cells will be swapped.

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Question 3:

Use the MySQL create database with name *Mana_commodity*:

The database schema:

Table **CLASSES**

Class_ID	Class_Name
CS01	Computer Science 2019
CS02	Computer Science 2020
Ma01	Math 2017
Mu01	Music 2019

Table **STUDENTS**

Student_ID	S_FristName	S_LastName	S_City	Class_ID
CS101	Linh	Tran Thu	Can Tho	CS01
CS102	An	Phan Van	Vinh Long	CS01
CS201	Van	Truong Thu	Tra Vinh	CS02
CS202	Truong	Duong Van	Vinh Long	CS02

DESCRIPTION OF PROJECT AND TASKS

- Create database with name *Mana_commodity*
- In database *Mana_commodity* create table CLASSES and table STUDENTS
- Choose appropriate data type for the fields.
- Create relationship for the above tables.
- Insert data for the tables as above.

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Question 4:

Programming with PHP:

Use database *Mana_commodity* from *Question 3* write a page that displays the result of a query in PHP. Create a new PHP file and save the file as [SearchStudent.php](#).

Search STUDENT

Result of search			
No	Student_ID	Full_Name	Class_Name
1	CS101	Tran Thu Linh	Computer Science 2019
2	CS102	Phan Van An	Computer Science 2019
3	CS201	Truong Thu Van	Computer Science 2020
4	CS202	Duong Van Truong	Computer Science 2020

DESCRIPTION OF PROJECT AND TASKS

- Create title “Search STUDENT”
- Create text to Enter full Name
- Create button Search
- Create table “Result of search”
- Create event for button Search.
- If content search is blank then show all students as table “Result of search”.
- If content search is not blank then show students whose full name is similar to the search text

Assessment guidelines

Student's name	Date of birth	Position
		Web Design

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