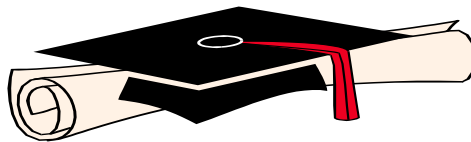




## Web Application Development using PHP

<b>Semester:</b> 1	<b>Curriculum Code:</b>
<b>Duration:</b> 90 minutes	<b>Total Marks:</b> 20



Practical Examination Paper

### Question 01: (4 points)

Create a HTML form that accept your full name, email, your birth year display using PHP

- Display information of full name, email. **(3 points)**
- You need to **get the current year** and then calculate the age with the number of years the user entered. **Recommend use date function. (1 point)**

**Please input your information:**

Full Name	<input type="text" value="Nguyen Hoang Nam Anh"/>
Email	<input type="text" value="sample@gmail.com"/>
Your birth year	<input type="text" value="2000"/>
<input type="button" value="Submit"/>	

Your full name is: Nguyen Hoang Nam Anh  
Your email is: sample@gmail.com  
This year you are: 23 years old

**Question 02: (3 points)**

1. Write a PHP script, create an email according to the following structure:
  - a. First name + first character of Last name + dot (.) + student code + @aptechlearning.edu.vn

**Please input your information:**

Full Name	<input type="text"/>
Student Code	<input type="text"/>
<input type="button" value="Submit"/>	

Your full name is: Nguyen Hoang Nam Anh  
Your student code is: 1234  
Your email is: anh.nhn1234@aptechlearning.edu.vn

**Question 03: (4 points)**

Create a HTML form that accept your username and password display using PHP

- a. If the user enters the password without following the following conditions, the following error message will be displayed
  - Password must be 8 characters or greater.

## Registration Form

Invalid password format!

UserName:

Password:

- b. If you enter the correct conditions, you will receive a notification of successful registration

## Registration Form

Registration successful!

UserName:

Password:

**Question 04:** Make PHP pages to allow Users to manage employees (9 points)

1. Create a database, a table and dump data. (1 point)

- a. Create table 'employees'

Field	Type	Constraint
id	int auto increment	NOT NULL
name	varchar(100)	NOT NULL
date_of_birth	date	NOT NULL
gender	boolean	NOT NULL
address	varchar(200)	
email	varchar(100)	NOT NULL
phone_number	varchar(10)	

Dumping data for table 'employees'

```
INSERT INTO students (name, date_of_birth, gender, address, email,
phone_number)
VALUES
```

```
('John Doe', '1990-05-15', 1, '123 Main Street, City, Country',
'john.doe@example.com', '1234567890'),
('Jane Smith', '1985-08-20', 0, '456 Elm Street, City, Country',
'jane.smith@example.com', '9876543210'),
('Michael Johnson', '1982-03-10', 1, '789 Oak Street, City, Country',
'michael.johnson@example.com', '4561237890'),
('Emily Davis', '1995-11-25', 0, '101 Pine Street, City, Country',
'emily.davis@example.com', '7894561230'),
('David Brown', '1978-09-12', 1, '202 Maple Street, City, Country',
'david.brown@example.com', '6549873210');
```


2. Displaying employees information on the **home.php** in the tabular format and provided the form to insert the employee details into the database.

#### List of Employees

Employee No	Name	Date of Birth	Gender	Address	Email	Phone Number	Action
1	John Doe	1995-05-15	Male	123 Main St, City, Country	john.doe@example.com	1234567890	<a href="#">Edit Info</a> <a href="#">Delete</a>
2	Jane Smith	1998-09-20	Female	456 Elm St, City, Country	jane.smith@example.com	9876543210	<a href="#">Edit Info</a> <a href="#">Delete</a>
3	Michael Johnson	1982-03-10	Female	789 Oak Street, City, Country	michael.johnson@example.com	4561237890	<a href="#">Edit Info</a> <a href="#">Delete</a>
4	Emily Davis	1995-11-25	Male	101 Pine Street, City, Country	emily.davis@example.com	7894561230	<a href="#">Edit Info</a> <a href="#">Delete</a>
5	David Brown	1978-09-12	Female	202 Maple Street, City, Country	david.brown@example.com	6549873210	<a href="#">Edit Info</a> <a href="#">Delete</a>

#### Add New Employee

Name

Date of Birth  

Gender ☒ Male ☐ Female


Address

Email

Phone Number

## Update Employee Information

Name

Date of Birth  

Gender ☒ Male ☐ Female

Address

Email

Phone Number

- a. Display employees information in the tabular (2 points)
  - b. Insert the employee details into the database when click on button “Save Info” (2 points)
3. When user click on the link “Edit Info” moves to the **update.php**. It show as below:

- a. Display employee information in a update form when user click on link “Edit Info”. **(1 point)**
  - b. Update successful that employee's information when click on button “Update Info” then **return to the home.php. (2 points)**
- 4. When user click on the link “Delete”:
  - a. Delete successful information of that employee and display the employee list again after deletion. **(1 point)**