

Introducing Chapter 11 Practice Site and Creating a Membership Page

1. Features of the site

- The main page of the practice site.

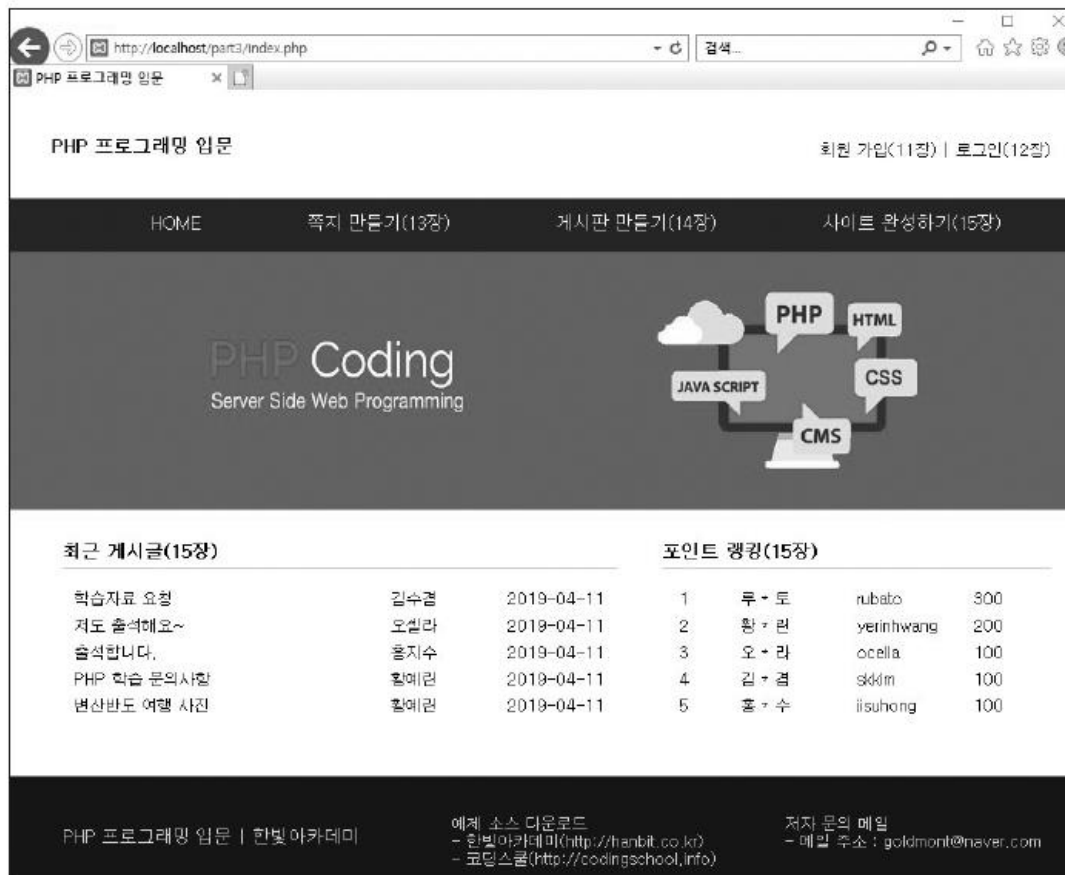


그림 11-1 실습 사이트의 메인 페이지

- Membership: Save member information entered on the membership form page (Chapter 11)
- Login/logout: Processing login and logout using sessions (Chapter 12)
- Modifying Member Information: Modifying Existing Member Information (Chapter 12)
- Notes: Send and receive messages between members (Chapter 13)
- Bulletin: Writing bulletin board, viewing list, viewing content, modifying/deleting text, attaching files (Chapter 14)
- Recent Posts: Get Recent Posts in the Bulletin (15 chapters)
- Points: Point ranking displayed on the main page (15 sheets)
- Administrator mode: deleting member information, changing levels, correcting points (Chapter 15)

2. Site Configuration

- Configure the main page of the practice site. The main page consists of a top header, main content, and a bottom footer.

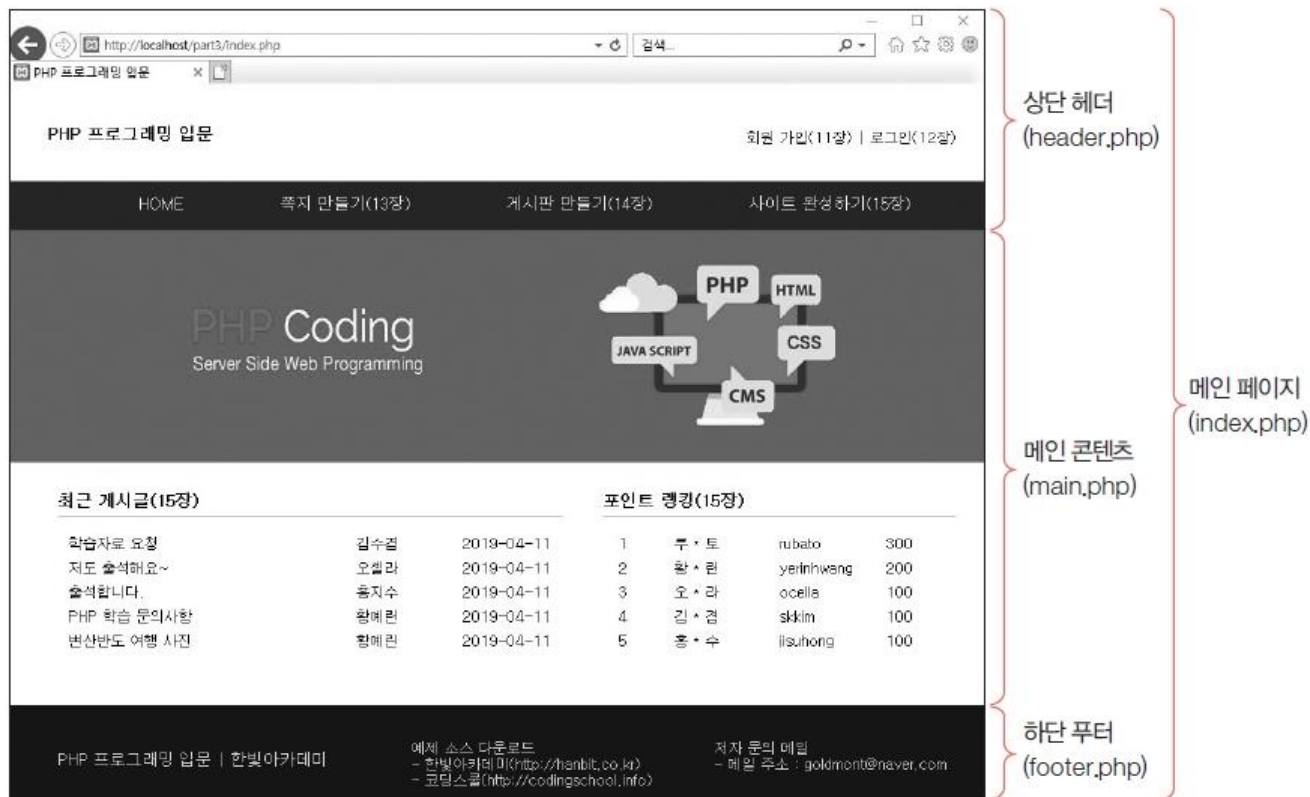


그림 11-2 메인 페이지의 구성

- **Top header** (header.php) site logo, top menu [member sign-up (11 chapters), login (12 chapters), main menu [page creation (13 chapters), bulletin board creation (14 chapters), site completion (15 chapters)]
- **Main content** (main.php) Main image, latest post, point ranking
- **Lower Footer** (footer.php) Example Source Download Guide, Mail Address Guide

표 11-1 메인 페이지 구성에 필요한 파일과 폴더

구분	파일/폴더	설명
이미지	img	이미지 파일 저장 폴더
CSS	css/common.css	사이트에 공통으로 사용되는 CSS 파일
	css/main.css	메인 페이지의 CSS 파일
메인 페이지	index.php	메인 페이지
상단 헤더	header.php	메인 페이지의 상단 헤더
메인 콘텐츠	main.php	메인 페이지의 메인 콘텐츠
하단 푸터	footer.php	메인 페이지의 하단 푸터

- **Img** Folder A folder that contains all image files used by the practice site.
- **There are** two CSS files in the css folder , common.css is a definition of CSS commonly used on the site, and main.css is a separate definition of CSS used on the main page.

[Example 11-1] Main page part3/index.php

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8"> ①
<Title>Introduction to PHP Programming</Title>
<link rel="stylesheet" type="text/css" href="/css/common.css"> ②
<link rel="stylesheet" type="text/css" href="/css/main.css">
</head>
<body>
```

[Example 11-1] Main page part3/index.php

```
<header>  
    <?php include "header.php";?> ③  
</header>  
<section>  
    <?php include "main.php";?> ④  
</section>  
<footer>  
    <?php include "footer.php";?> ⑤  
</footer>  
</body>  
</html>
```


3. preparation for practice

3.1 Copying the Practice Program

- Copy part3 folder to C:\xampp\htdocs among the example sources downloaded in Chapter 1.

- duct the three-part practice.

그림 11-3 C:\xampp\htdocs\part3 폴더의 구성

3.2 Running Apache and MySQL Server Programs

- Run Apache and MySQL server programs in the XAMPP control panel.

[TIP] When Apache and MySQL programs are displayed in a green box in the XAMPP control panel, Meaning that it is running normally (see [Figure 9-5] in Chapter 9).

NOTE 예제 소스 내려받기

앞에서 이미 언급했듯이 실습에 필요한 예제 소스는 다음 홈페이지에서 내려받을 수 있다.

- 한빛아카데미 홈페이지: <http://www.hanbit.co.kr/src/4444>
- 코딩스쿨 홈페이지: <http://codingschool.info> → 자료실

3.3 Accessing Web Pages

- Enter the following address in the Web browser address window to access the main page of the practice site:

`http://localhost/part3/index.php`



그림 11-4 실습 사이트의 메인 페이지(index.php)

1. Member DB Table Design

- Design a DB table to store membership information at the practice site.
- The num, id, pass, and name fields in the member DB table are required entries and are set to not null. At this time, num is set to the main key and auto_increment.

표 11-2 회원 DB 테이블(테이블명: members)

필드명	데이터형	null	추가 사항	설명
num	int	not null	primary key, auto_increment	일련번호
id	char(15)	not null		아이디
pass	char(15)	not null		비밀번호
name	char(10)	not null		이름
email	char(80)			이메일 주소
regist_day	char(20)			가입일
level	int			회원의 레벨
point	int			회원의 포인트

2. Creating a Member DB Table

- Create a member DB table using the SQL command batch execution method described in Chapter 10.

— Create a member DB table using the SQL command batch execution method
회원 DB 테이블(members) 생성 파일(part3/db/members.sql)

the members table, the members

```
create table members (  
    num int not null auto_increment,  
    id char(15) not null,  
    pass char(15) not null,  
    name char(10) not null,  
    email char(80),  
    regist_day char(20),  
    level int,  
    point int,  
    primary key(num)  
);
```

- Check the XAMPP main screen by typing the following in the Web browser address window for database operations:

http://localhost

- Click the [phpMyAdmin] menu at the top right of the XAMPP main screen to access phpMyAdmin.

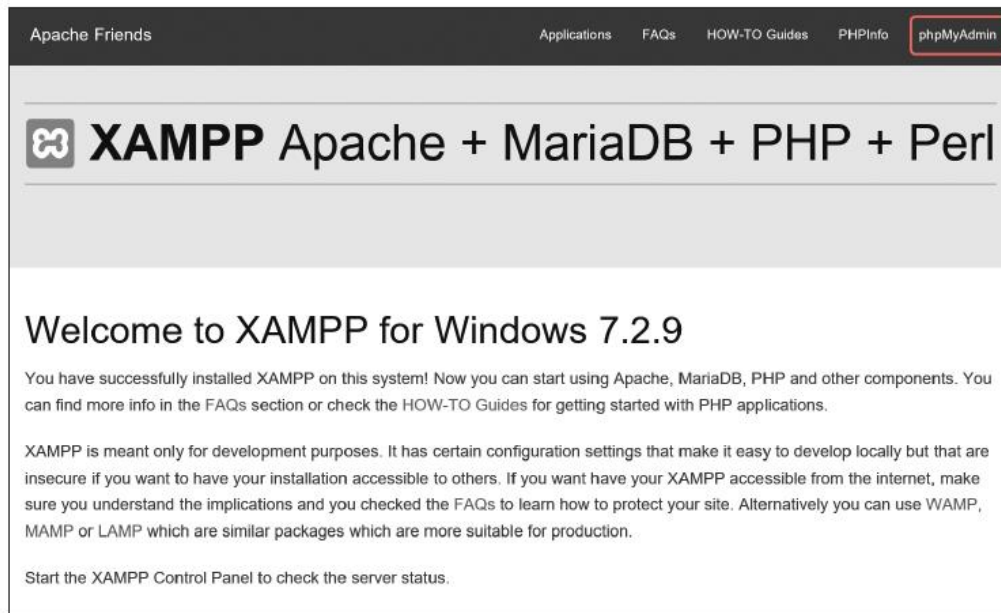


그림 11-6 XAMPP 메인 화면

02 Create a membership page

- The phpMyAdmin login screen appears.
- Enter the following information on the phpMyAdmin login screen to access the previously created user1 account:
 - ✓ Username: user1
 - ✓ Password: 12345



phpMyAdmin

phpMyAdmin에 오셨습니다

언어 - *Language*

한국어 - Korean

로그인

사용자명:

암호:

실행

그림 11-7 phpMyAdmin 로그인 화면

02 Create a membership page

- Click Sample in the left list when the following screen appears: Selection of the sample database as the database to be used in the practice.

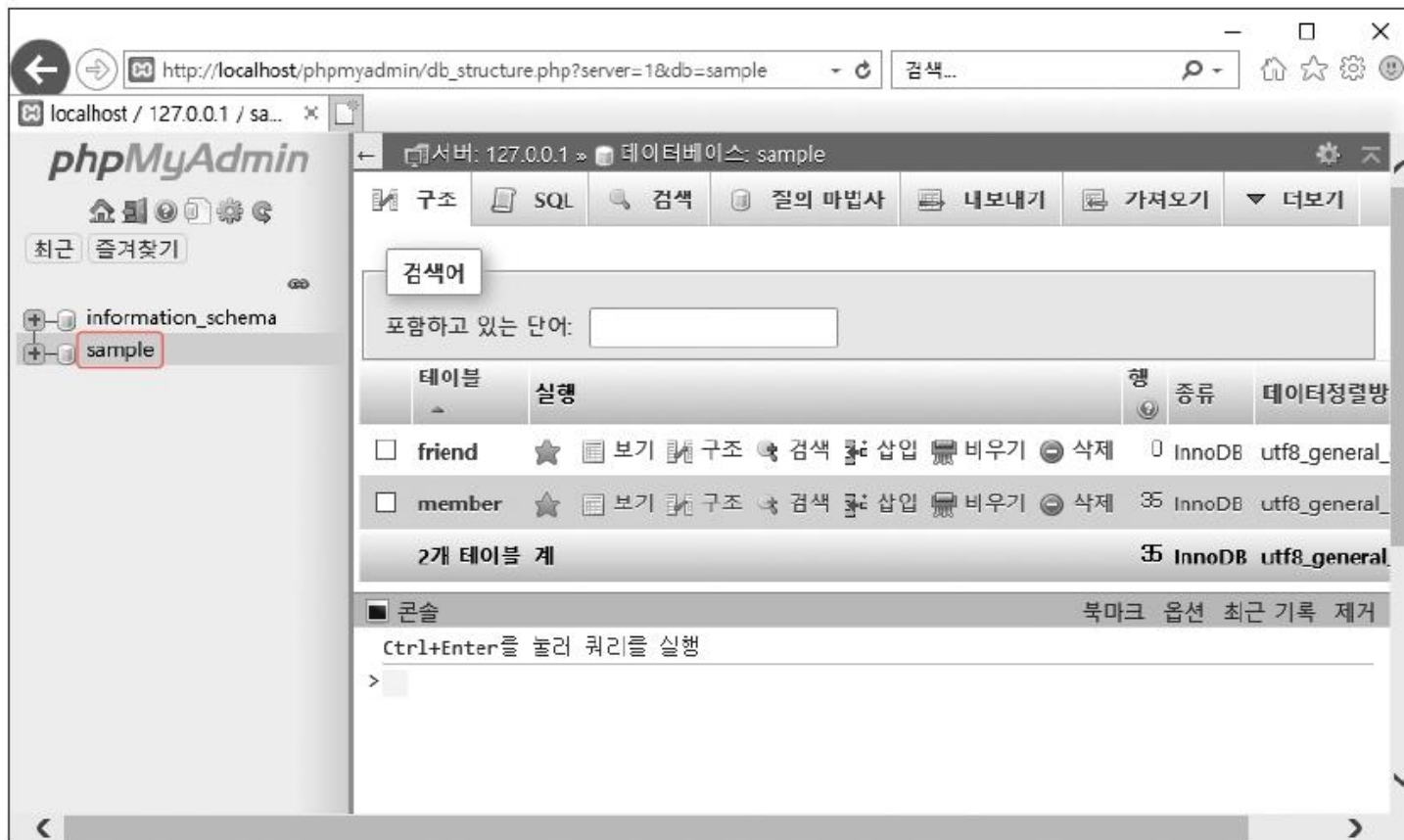


그림 11-8 sample 데이터베이스 선택

02 Create a membership page

- The members.sql file created to create a member DB table must be imported into the DB.
- Click the Import menu at the top right of the screen, and then click Browse in the ... Click Run at the

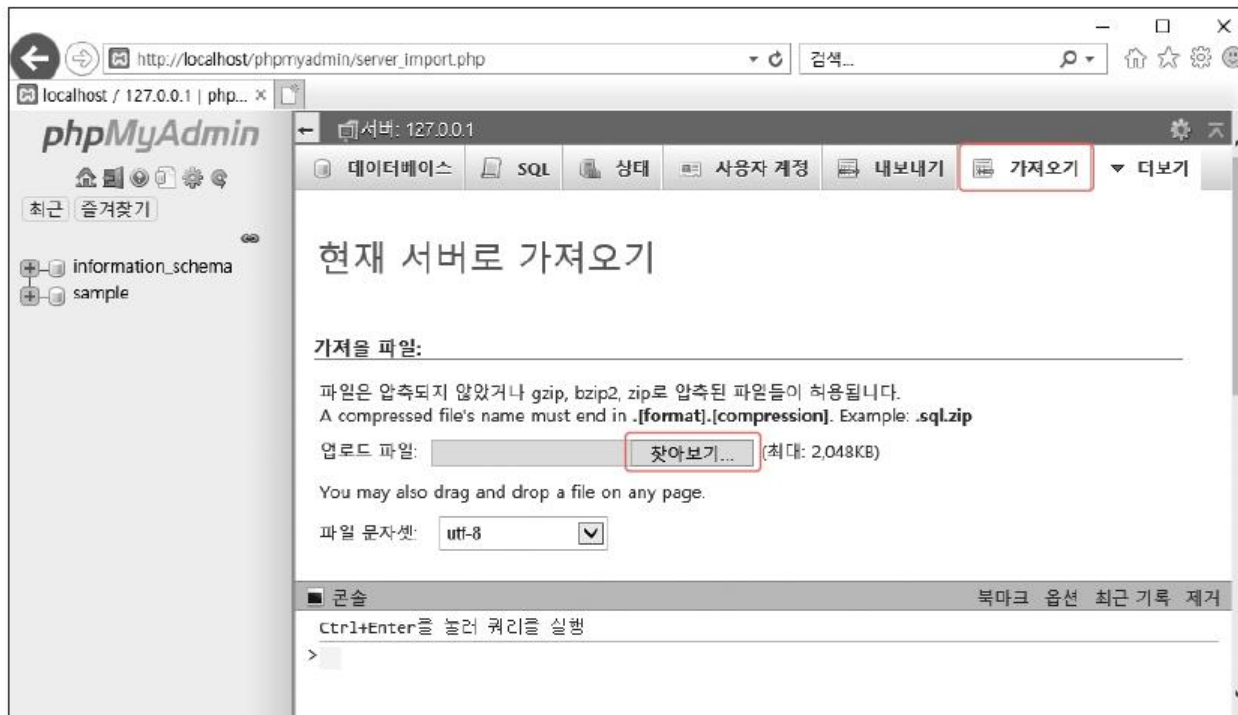
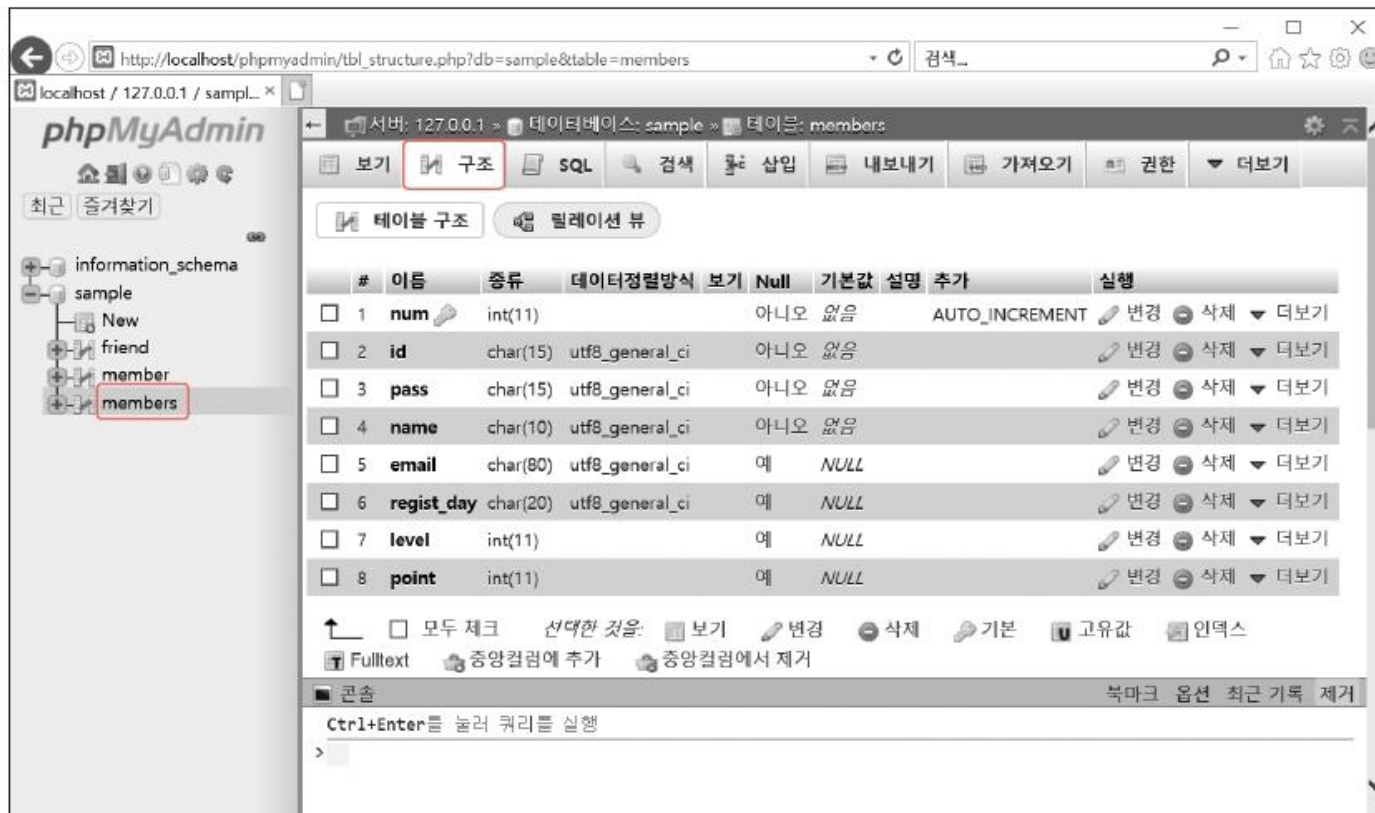


그림 11-9 members.sql 파일 가져오기

02 Create a membership page

- If you select the members table from the list on the left side of the screen and click the Structures menu at the top to see the structure of the table, you can see that



The screenshot shows the phpMyAdmin interface. On the left, the database 'sample' is selected, and the 'members' table is highlighted in the table list. At the top, the '구조' (Structure) tab is active. The table structure is displayed as follows:

#	이름	종류	데이터정렬방식	보기	Null	기본값	설명	추가	실행
1	num	int(11)			아니오	없음		AUTO_INCREMENT	변경 삭제 더보기
2	id	char(15)	utf8_general_ci		아니오	없음			변경 삭제 더보기
3	pass	char(15)	utf8_general_ci		아니오	없음			변경 삭제 더보기
4	name	char(10)	utf8_general_ci		아니오	없음			변경 삭제 더보기
5	email	char(80)	utf8_general_ci		예	NULL			변경 삭제 더보기
6	regist_day	char(20)	utf8_general_ci		예	NULL			변경 삭제 더보기
7	level	int(11)			예	NULL			변경 삭제 더보기
8	point	int(11)			예	NULL			변경 삭제 더보기

Below the table structure, there are options for '모두 체크' (Check all), '선택한 것을' (Selected items), and various actions like '보기' (View), '변경' (Change), '삭제' (Delete), '기본' (Default), '고유값' (Unique), and '인덱스' (Index). There is also a section for 'Fulltext' and '중요검색에 추가' (Add to important search).

그림 11-10 members 테이블의 구조

3. Creating a Membership Page

- You can view the Membership page by entering the following address in the Web browser address window:

`http://localhost/part3/member_form.php`

PHP 프로그래밍 입문

회원 가입(11장) | 로그인(12장)

HOME 쪽지 만들기(13장) 게시판 만들기(14장) 사이트 완성하기(15장)

PHP Coding
Server Side Web Programming

PHP, HTML, CSS, JavaScript, CMS

회원 가입

아이디 중복확인

비밀번호

비밀번호 확인

이름

이메일 @

저장하기 취소하기

Chapter 11) menu at the top right of

그림 11-11 회원 가입 페이지(member_form.php)

02 Create a membership page

표 11-3 회원 가입 페이지 구성에 필요한 파일

구분	파일	설명
DB	db/members.sql	회원 DB 테이블 생성
CSS	css/common.css	사이트에 공통으로 사용되는 CSS 파일
	css/member.css	회원 가입 CSS 파일
자바스크립트	js/member.js	회원 가입 페이지의 자바스크립트 파일
회원 가입 페이지	member_form.php	회원 가입 페이지
기능 페이지	member_insert.php	가입 정보를 DB에 저장
	member_check_id.php	아이디 중복 확인

- Member.css is the CSS file used on the Membership page.
- Member.js checks that the data is properly entered in the input window at the time of membership registration.
- Member_insert.php stores the membership registration information entered by the user in the DB.
- member_check_id.php checks if the ID you want to use overlaps with the existing ID.

02 Create a membership page

[Example 11-2] Membership registration page part3/member_form.php

```
<!-- Omitted -->
<link rel="stylesheet" type="text/css" href="/css/common.css">
<link rel="stylesheet" type="text/css" href="/css/member.css">
<script>
    function check_input()
    {
        if (!document.member_form.id.value) {
            alert ("Enter ID!");
            document.member_form.id.focus();
            return;
        }
        if (!document.member_form.pass.value) {
            alert ("Please enter your password!");
            document.member_form.pass.focus();
            return;
        }
    }
}
```

①

②

[Example 11-2] Membership registration page part3/member_form.php

```
if (!document.member_form.pass_confirm.value) {  
    alert ("Enter password verification!");  
document.member_form.pass_confirm.focus();  
    return;  
}  
if (!document.member_form.name.value) {  
    alert ("Enter a name!");  
document.member_form.name.focus();  
    return;  
}  
if (!document.member_form.email1.value) {  
    alert ("Enter your email address!");  
document.member_form.email1.focus();  
    return;  
}
```

02 Create a membership page

[Example 11-2] Membership registration page part3/member_form.php

```
if (!document.member_form.email2.value) {  
    alert ("Enter your email address!");  
    document.member_form.email2.focus();  
    return;  
}
```

```
if (document.member_form.pass.value !=  
document.member_form.pass_confirm.value) {  
    alert ("The password does not match. Please re-enter!");  
    document.member_form.pass.focus();  
    document.member_form.pass.select();  
    return;  
}
```

③

```
document.member_form.submit();  
}
```

④

02 Create a membership page

[Example 11-2] Membership registration page part3/member_form.php

```
function reset_form() {  
document.member_form.id.value = "";  
document.member_form.pass.value = "";  
document.member_form.pass_confirm.value = "";  
document.member_form.name.value = "";  
    document.member_form.email1.value = "";  
    document.member_form.email2.value = "";  
document.member_form.id.focus();  
    return;  
}
```

⑤

```
function check_id() {  
window.open("member_check_id.php?id=" + document.member_form.  
id.value, "IDcheck",  
    "left=700,top=300,width=350,height=200,scrollbars=no,  
    resizable=yes");  
}
```

⑥

02 Create a membership page

[Example 11-2] Membership registration page part3/member_form.php

```
</script>
<!-- Omitted -->
<div id="join_box">
  <form name="member_form" method="post" action="member_insert.php">
    <h2>Membership</h2>
    <div class="form id">
      <div class="col1">ID</div>
      <div class="col2">
        <input type="text" name="id">
      </div>
      <div class="col3">
        <a href="#"></a>
      </div>
    </div>
    <div class="clear"></div>
```

⑦

⑧

⑨