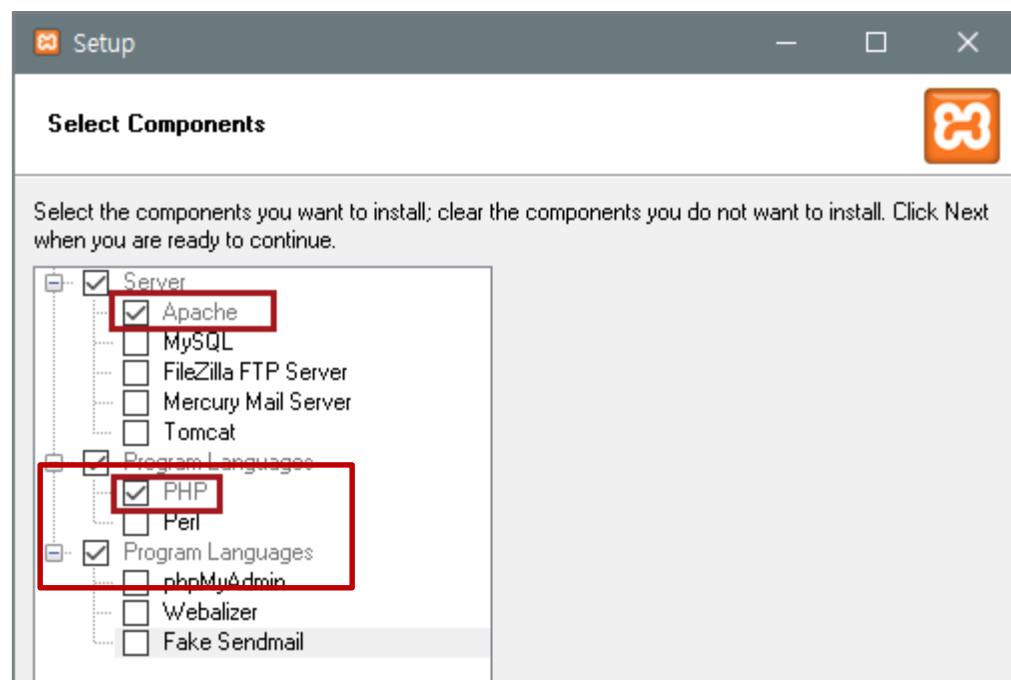


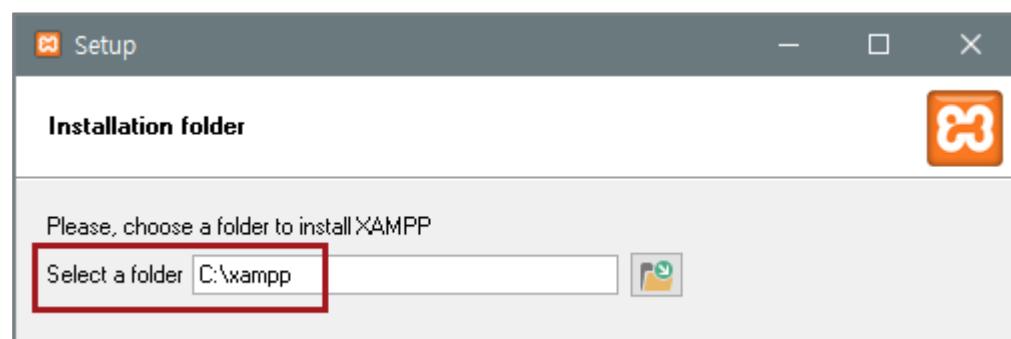
XAMPP를 따로 설치된 MySQL와 연동하는 과정

XAMPP 다운로드 – 설치 시작

설치할 제품 선택



그대로 두고 <Next> 클릭

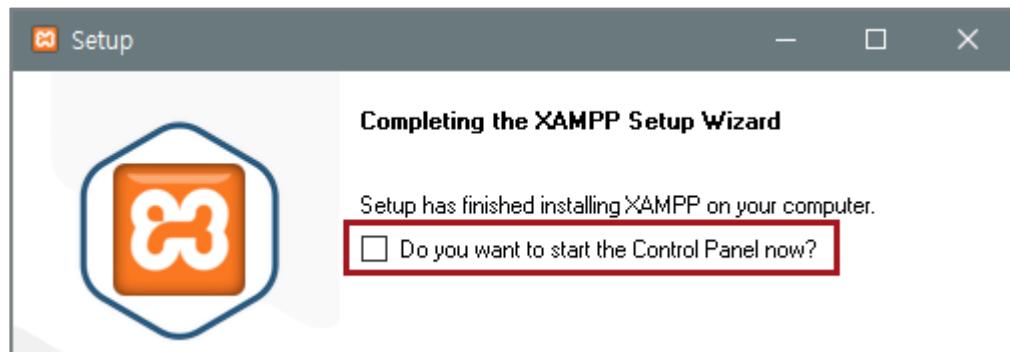


XAMPP를 따로 설치된 MySQL와 연동하는 과정

모두 체크 표시를 하고 <액세스 허용>을 클릭



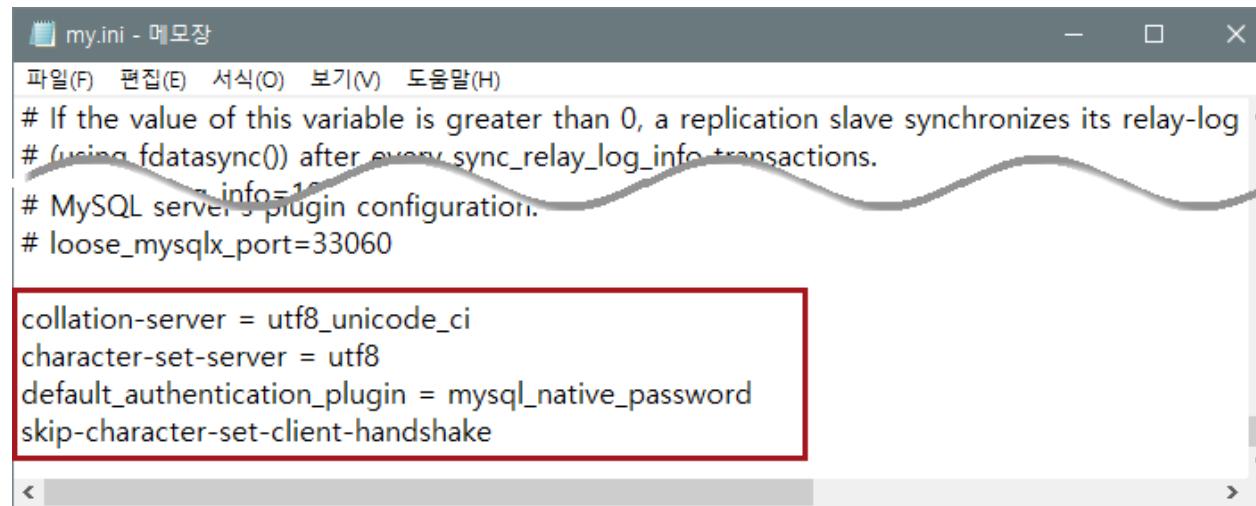
' Do you want to start the Control Panel now?'의 체크 해제



XAMPP를 따로 설치된 MySQL와 연동하는 과정

MySQL 서버의 설정 변경하기 - C:\ProgramData\MySQL\MySQL Server 8.0\my.ini → 코드 추가

```
collation-server = utf8_unicode_ci  
character-set-server = utf8  
default_authentication_plugin = mysql_native_password # php와 호환되도록 인증방식 변경  
skip-character-set-client-handshake
```



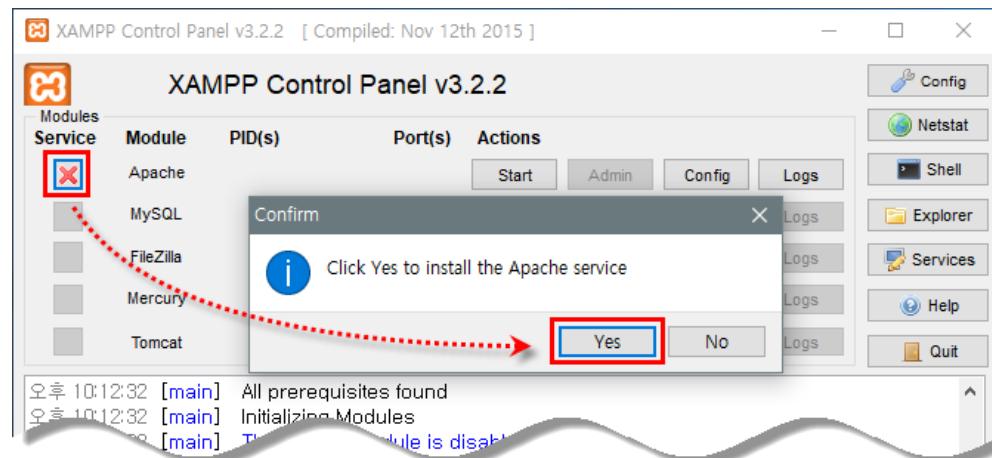
재부팅

[보안 경고] 창이 나오면 <예> 클릭

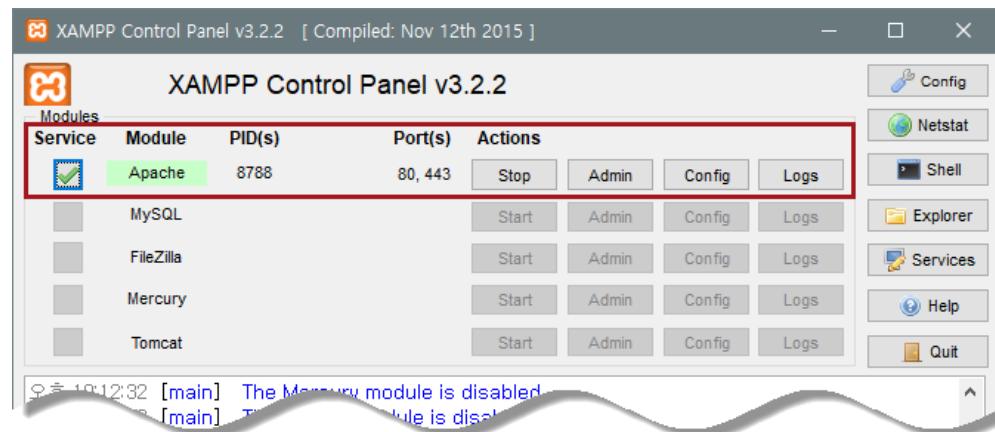
XAMPP를 따로 설치된 MySQL와 연동하는 과정

XAMPP Control Panel을 관리자 권한으로 실행

Windows의 [서비스]에 Apache 서비스 등록



Apache 서비스 시작



[XAMPP Control Panel v3.2.2] 창 닫기

XAMPP를 따로 설치된 MySQL와 연동하는 과정

PHP로 접속할 전용 사용자 생성하기

Workbench를 실행하여 root로 접속

사용자 cookUser(비밀번호: 1234) 생성

```
CREATE USER 'cookUser'@'%' IDENTIFIED WITH mysql_native_password BY '1234';
GRANT ALL PRIVILEGES ON *.* TO 'cookUser'@'%' WITH GRANT OPTION;
FLUSH PRIVILEGES;
```

The screenshot shows the MySQL Workbench interface. In the top-left corner, there's a tab labeled "SQL File 4*". Below it is a toolbar with various icons for database management. The main area contains three numbered SQL statements:

```
1 • CREATE USER 'cookUser'@'%' IDENTIFIED WITH mysql_native_password BY '1234';
2 GRANT ALL PRIVILEGES ON *.* TO 'cookUser'@'%' WITH GRANT OPTION ;
3 • FLUSH PRIVILEGES ;
```

Below the SQL editor is an "Output" pane with a dropdown menu set to "Action Output". This pane displays the results of the executed queries:

#	Time	Action	Message	Duration / Fetch
5	22:19:37	CREATE USER 'cookUser'@'%' IDENTIFIED WITH mysql_native_...	0 row(s) affected	0.032 sec
6	22:19:37	GRANT ALL PRIVILEGES ON *.* TO 'cookUser'@'%' WITH GRAN...	0 row(s) affected	0.031 sec
7	22:19:37	FLUSH PRIVILEGES	0 row(s) affected	0.016 sec

The last three rows (actions 5, 6, and 7) are highlighted with a red border.

Workbench 종료

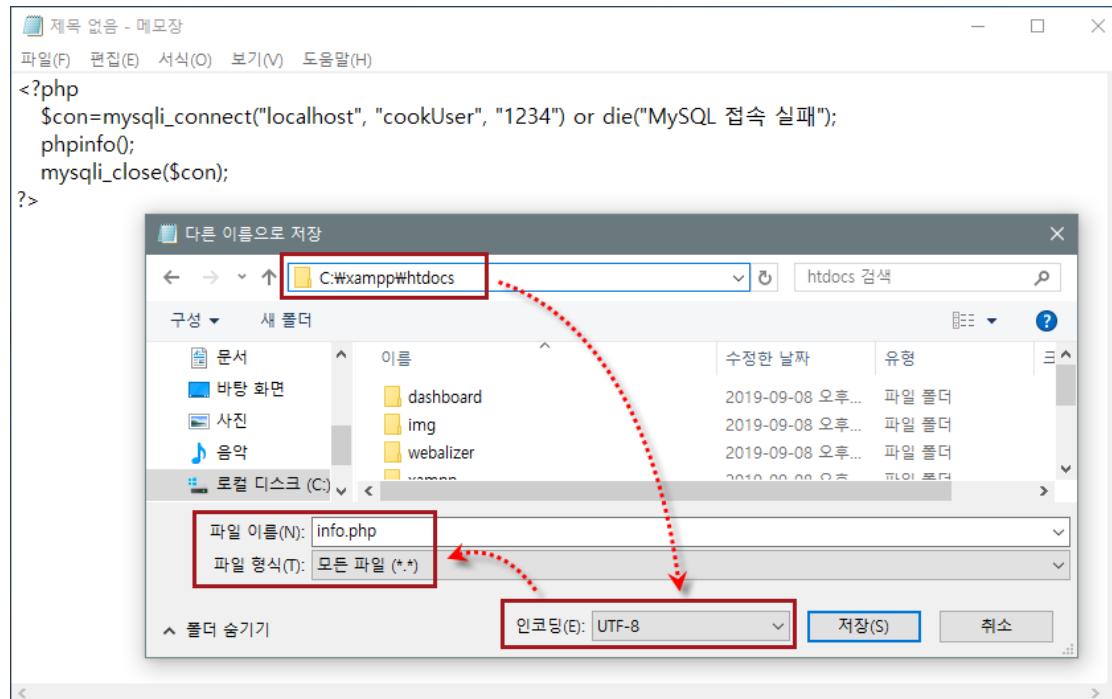
XAMPP를 따로 설치된 MySQL와 연동하는 과정

사이트 작동 테스트

다음과 같이 코딩

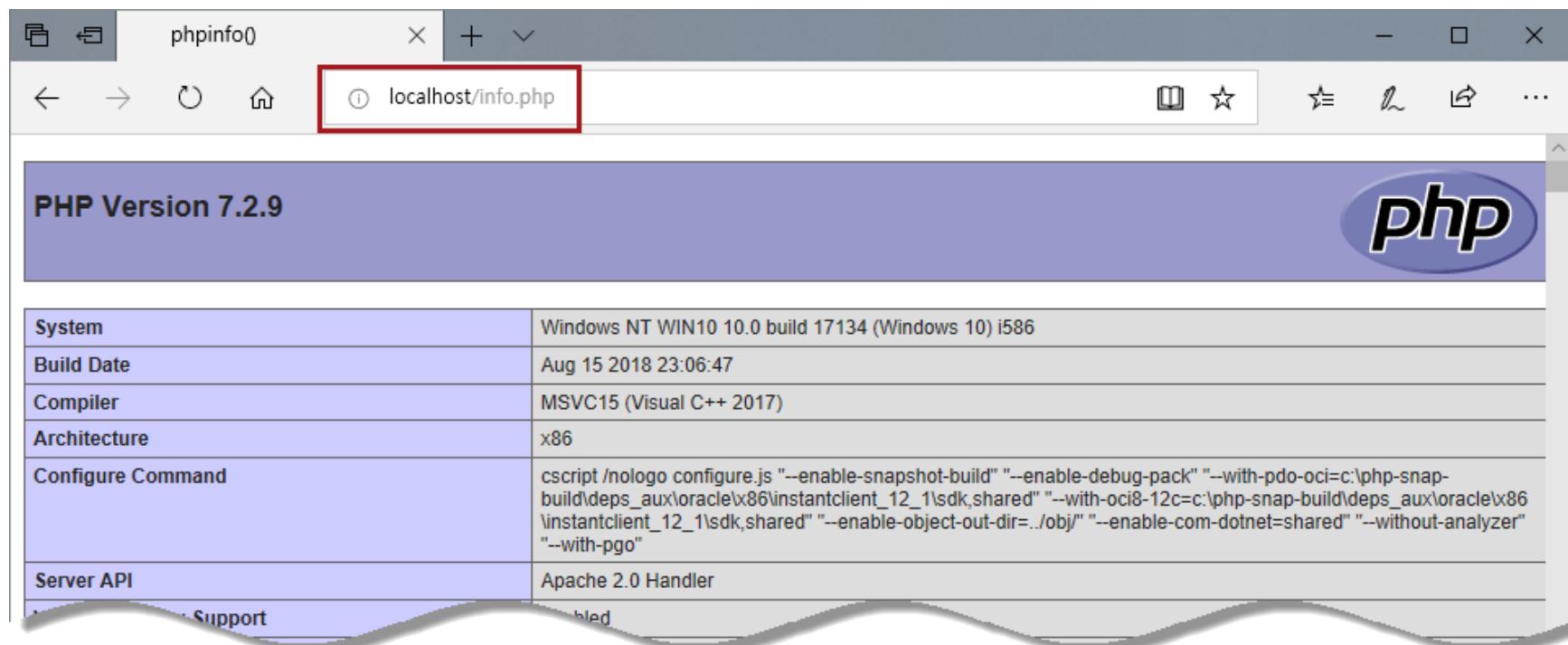
```
<?php  
$con=mysqli_connect("localhost", "cookUser", "1234") or die("MySQL 접속 실패");  
phpinfo();  
mysqli_close($con);  
?>
```

C:\xampp\htdocs\info.php 파일 저장



XAMPP를 따로 설치된 MySQL와 연동하는 과정

Apache, PHP, MySQL 확인



The screenshot shows a Microsoft Edge browser window with the title "phpinfo0". The address bar contains "localhost/info.php", which is highlighted with a red rectangle. The main content area displays the "PHP Version 7.2.9" page. At the top left, it says "PHP Version 7.2.9". On the right side, there is a large "php" logo. Below this, a table provides detailed information about the PHP configuration:

System	Windows NT WIN10 10.0 build 17134 (Windows 10) i586
Build Date	Aug 15 2018 23:06:47
Compiler	MSVC15 (Visual C++ 2017)
Architecture	x86
Configure Command	cscript /nologo configure.js "--enable-snapshot-build" "--enable-debug-pack" "--with-pdo-oci=c:\php-snap-build\deps_aux\oracle\x86\instantclient_12_1\sdk,shared" "--with-oci8-12c=c:\php-snap-build\deps_aux\oracle\x86\instantclient_12_1\sdk,shared" "--enable-object-out-dir=../obj/" "--enable-com-dotnet=shared" "--without-analyzer" "--with-pgo"
Server API	Apache 2.0 Handler