

0907 - 회원 웹 기능 - 등록

MemberController

```
//회원가입 UI
@GetMapping("/members/new")
public String createForm() {
    return "members/createMemberForm";
}

//회원가입 실행
@PostMapping("/members/new")
public String create(MemberForm memberForm) {
    Member member = new Member();
    member.setName(memberForm.getName());

    memberService.join(member);

    //home으로 보낸다
    return "redirect:/";
}
```

createMemberForm.html

```
<!doctype html>
<html xmlns:th="http://www.thymeleaf.org">
<body>

<div class="container">
    <form action="/members/new" method="post">
        <div class="form-group">
            <label for="name">이름</label>
            <input type="text" id="name" name="name" placeholder="이름을 입력하세요">
        </div>
```

```

        <button type="submit">등록</button>
    </form>
</div>

</body>
</html>

```

MemberForm

```

package hello.hello_spring.controller;

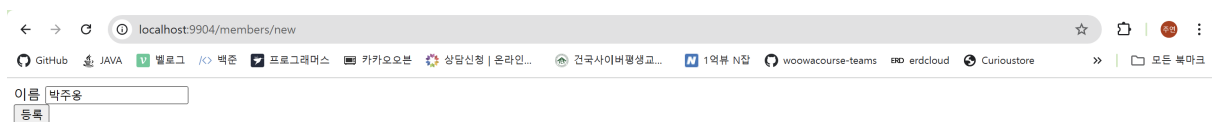
public class MemberForm {
    private String name;

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }
}

```

회원가입 성공 - 등록 후 home 으로 이동



회원가입 실패 - 중복 회원

Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Sat Sep 07 23:25:53 KST 2024

There was an unexpected error (type=Internal Server Error, status=500).

이미 존재하는 회원입니다.

java.lang.IllegalStateException: 이미 존재하는 회원입니다.

GetMapping

- 데이터를 서버로부터 조회할 때 사용
- URL 파라미터나 쿼리 스트링을 통해 값을 전달

PostMapping

- 데이터를 서버에 전송하거나 새로 생성할 때 사용
- 요청의 본문에 데이터를 담아 전송

오류!

콘솔에서 등록된 이름을 확인하기 위해 코드를 추가했는데

```
System.out.println("member = " + member.getName());
```

객체 자체를 출력하고 있었다

```
2024-09-07T23:32:33.456+09:00 INFO 10128 --- [hello-spring]
2024-09-07T23:32:33.457+09:00 INFO 10128 --- [hello-spring]
2024-09-07T23:32:39.109+09:00 INFO 10128 --- [hello-spring]
2024-09-07T23:32:39.110+09:00 INFO 10128 --- [hello-spring]
2024-09-07T23:32:39.110+09:00 INFO 10128 --- [hello-spring]
member = hello.hello_spring.domain.Member@62430c4a
member = hello.hello_spring.domain.Member@12218c1e
```

Member 클래스에 toString() 메서드를 추가해줬더니 해결되었다

```
@Override
public String toString() {
    return "Member{" +
        "name='" + name + '\'' +
        '}';
}
```

```
2024-09-07T23:34:49.853+09:00 INFO 10128 --- [hello-spring] [ restartedMain]
2024-09-07T23:34:50.847+09:00 INFO 10128 --- [hello-spring] [nio-9904-exec-1]
2024-09-07T23:34:50.847+09:00 INFO 10128 --- [hello-spring] [nio-9904-exec-1]
2024-09-07T23:34:50.847+09:00 INFO 10128 --- [hello-spring] [nio-9904-exec-1]
member = 치와와
```