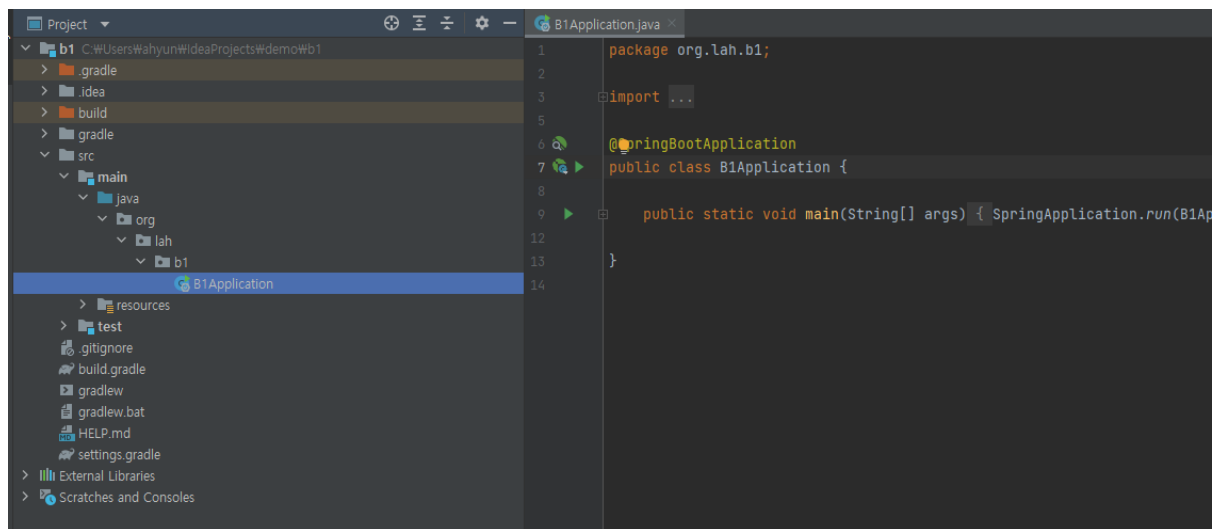


서버프로그램 구현-이아현

1. 스프링 부트로 Web, Lombok, Data Jpa를 프로젝트를 생성할 것



2. 생성된 프로젝트에 domain 패키지를 생성하고 게시물 번호, 제목, 내용, 작성자가 있는 Board 엔티티 클래스를 생성할 것

```
package org.lah.b1.domain;  
  
import lombok.*;  
  
import javax.persistence.Entity;  
import javax.persistence.GeneratedValue;  
import javax.persistence.GenerationType;  
import javax.persistence.Id;
```

```

@Entity
@Getter
@Builder
@AllArgsConstructor
@NoArgsConstructor
@ToString
public class LahBoard {
    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Long bno;

    private String title;
    private String content;
    private String writer;
}

```

3. repository 패키지를 구성하고 BoardRepository 인터페이스를 작성할 것

```

package org.lah.b1.repository;

import org.lah.b1.domain.LahBoard;
import org.springframework.data.jpa.repository.JpaRepository;

public interface LahBoardRepository extends JpaRepository<LahBoard, Long> {

}

```

4. 테스트 코드를 통해서 insert하는 메서드와 select 하는 메서드를 작성할 것

```

package org.lah.b1;

import org.junit.jupiter.api.Test;
import org.lah.b1.domain.LahBoard;
import org.lah.b1.repository.LahBoardRepository;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.boot.test.context.SpringBootTest;

```

```

import java.util.Optional;

@SpringBootTest
public class BoardRepositoryTests {

    @Autowired
    private LahBoardRepository repository;

    @Test
    public void testInsert() {
        LahBoard board = LahBoard.builder()
            .title("Lee Ahyun")
            .content("good")
            .writer("aaaahhhh1818")
            .build();

        repository.save(board);
    }

    @Test
    public void testSelect() {

        Optional<LahBoard> result =
            repository.findById(1L);

        if(result.isPresent()) {
            System.out.println(result.get());
        }
    }
}

```