@Component

public class ProductDAO {

@Autowired

private JdbcTemplate jdbcTemplate;

private static final String TABLE\_NAME = "product";

public void add(Product product) {

String insertSQL = "INSERT INTO " + TABLE\_NAME + "(name, category, price) VALUES(?,?,?)";

jdbcTemplate.update(insertSQL, product.getName(), product.getCategory(), product.getPrice());

}

public void update(Product product) {

String updateSQL = "UPDATE " + TABLE\_NAME + " SET name=?, category=?, price=? WHERE id=?";

jdbcTemplate.update(updateSQL, product.getName(), product.getCategory(), product.getPrice(), product.getId());

}

public void delete(long productID) {

String deleteSQL = "DELETE FROM " + TABLE\_NAME + " WHERE id=?";

jdbcTemplate.update(deleteSQL, productID);

}

public Product findById(long productID) {

String selectSQL = "SELECT \* FROM " + TABLE\_NAME + " WHERE id=?";

Product emp = jdbcTemplate.queryForObject(selectSQL, new Object[] { productID },

new BeanPropertyRowMapper<>(Product.class));

return emp;

}

public List<Product> findAll() {

String selectSQL = "SELECT \* FROM " + TABLE\_NAME;

List<Product> empList = jdbcTemplate.query(selectSQL, new BeanPropertyRowMapper<>(Product.class));

return empList;

}

}

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spring.datasource.driverClass=org.mariadb.jdbc.Driver

spring.datasource.url=jdbc:mariadb://localhost:3306/boot\_camp\_db

spring.datasource.username=root

spring.datasource.password=root