[Skip to main content](https://lms.alnafi.com/xblock/block-v1:alnafi+DCCS102+2025_DCCS+type@vertical+block@05099d1feaae419cb9a209b55ad20b8c?exam_access=&recheck_access=1&show_bookmark=0&show_title=0&view=student_view" \l "main)

**Testing for ORM Injection**

ORM (Object Relational Mapping) Injection is a SQL Injection attack against an ORM-generated data access object model. From a tester's perspective, this attack is nearly identical to a SQL Injection attack. The injection vulnerability, however, exists in the code generated by the ORM layer.

The advantages of using an ORM tool include the quick generation of an object layer to communicate with a relational database, the use of standardized code templates for these objects, and the provision of a set of safety functions to protect against SQL Injection attacks. ORM-generated objects can perform CRUD (Create, Read, Update, Delete) operations on a database using SQL or, in some cases, a variant of SQL. However, if methods accept unsanitized input parameters, a web application using ORM-generated objects may be vulnerable to SQL Injection attacks.

Please click on this URL to perform this lab <http://wstg.alnafi.com/>