

Building Database Applications- Lab 7-8– SQL Injection

1. Introduction.

a. You can find more informations about SQL Injection on websites:

- https://owasp.org/www-community/attacks/SQL_Injection
- <https://learn.microsoft.com/en-us/sql/relational-databases/security/sql-injection?view=sql-server-ver16>
- <https://www.knowledgehut.com/blog/security/sql-injection-and-prevention>
- <https://www.hacksplaining.com/prevention/sql-injection>

b. The sample application from lecture is on Teams.

2. Simple application with sql innejctions.

a. Create web service or console application or form application.

b. Create an application that will not be resistant to attacks.

c. You can use tables from WBA_DATABASECONCEPTS or create new ones.

d. Create examples of attacks:

- In-band SQL injection
- Union SQL injection

Good Luck.