

CSS Practical Bran TECOMPA 26 YASH GWPTA Asm! - Simulation of SQL Injection Attack. Theory !-SOL injection (GOLi) refers to an injection attack wherein on attacker con execute malitious & 1 statements that control a web application's database server. Since on SQL injection vulnerability could possibly affect any website or web application that makes use of an 201based database, the volnerability is one of the aldest most prevalent and most dangerous of seb application volverabilities. Detrieving hidden data, where we can modify on sol query to return additional results. Subverting application logic where ove can change applications logic.

Onion attacks where ove can extract information about the version from different database you control are not returned in the application Results and discussions. A successfully sol injection affact con result in unauthosized alless to sensitive data, such pres

passionals inedit and details or possal use information.

Viva Questions1-) Any applications that as an attack of SQL injection.

Sa) Ghost Shell attack - hackors Bon APT group Team Stole and published 36,000 person at seconds belonging
students, faculty and staff. Description government - hockers breached the Torkish government website and crosse debt to government agencies. Tesla vulnerability in 2014 security researchers publicized that trey were able to breach the websile of Tesla using sel injection egain insadministrative privileges and steed user data. How to prevent SQL injection?

Submitting the single quote character and lading errors so other onomalies—

By Submitting Boolean conditions such as OR I-I and OR (=2 and looking for differencies in the time taken to respond. (ii) what, is firewall attack? A direwall is a network security device that monitors in coming and not going network traffic and decides whether to allow or black specify traffic based on a defined set of security