

## Module 5

1. XSS
  - a. Discussion on introduction
  - b. Example
2. Types of XSS
  - a. Reflected XSS
    - i. Discussion
    - ii. Example
  - b. Stored XSS
    - i. Discussion
    - ii. Example
  - c. DOM based XSS
    - i. Discussion
    - ii. Example
3. Testing XSS
  - i. Discussion
4. Comparing XSS with other attacks
  - i. Discussion
5. Ways to Prevent XSS
  - i. Discussion
6. Prevention According to Technologies
  - i. Discussion
7. Cookie staling through XSS
  - i. Discussion (refer attached link)
8. Advanced Phishing Attacks
  - i. Types
    1. Link manipulation
    2. Smishing
    3. Vishing
    4. Website forgery
    5. Pop-up
  - ii. Phishing Techniques
9. SQL Injection
  - i. Discussion
  - ii. Example
10. SQL Injection and Server Side Technologies
  - i. Discussion
11. Exmple of SQL Inejction
12. Types of SQL injection
  - a. In Band
    - i. Subtypes
  - b. Blind/ Inferential
    - i. Subtypes
  - c. Out-of-band
    - i. Subtypes
13. SQLInjection Methodology
  - i. Discussion

14. MITM attack
  - a. Discussion
  - b. Diagram
15. Types of MITM
  - a. Discussion
16. MITM (Man-in-the-middle) attack techniques
17. Prevention of MITM Attack