

Introduction to Software Security

The 9th Quiz (5월 12/13일자 수업 내용)

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Answer the following questions about buffer overflow protection.

1. Explain the differences of (1) Software Security, (2) Application Security, and (3) Security Software.

(한글 번역) 소프트웨어 보안, 애플리케이션 보안, 보안 소프트웨어의 차이점을 설명하십시오.

2. Explain threat modeling of secure SDLC in detail. (1) What is the goal of threat modeling? (2) What are main advantages of threat modeling?

(한글 번역) secure SDLC의 위협 모델링에 대해 자세히 설명하십시오. (1) 위협 모델링의 목적은? (2) 위협 모델링의 주요 장점은?

3. Explain the following two common weaknesses: CWE-20 and CWE-190. You should show a program code example for CWE-20 and CWE-190 respectively.

(한글 번역) CWE-20과 CWE-190 이라는 두개의 공통 약점(weakness)에 대해 설명하십시오. CWE-20과 CWE-190에 대한 프로그램 코드 예제를 각각 보이시오.

Solving & Writing

- Solve the question individually (by yourself).
 - You must write a report including the answers to the quizzes by yourself.
 - No cheating

- The **cover page** of the report must include
 - Title (제목): “**The 9th Quiz of Intro. to SW Security**”
 - 분반 (2분반 또는 3분반)
 - Student name, Student number
 - Date of submission

- Deadline
 - Submit your report by **17th May**

Submission

- **File** naming of the answer report for the 9th Quiz
 - **ISS(분반)_Qz9_이름_학번_mmdd**
 - If you are in the 2nd class, name = “전우치”, student number = 32171234, submission date = 16th May, then the filename for this Quiz is
ISS(2)_Qz9_전우치_32171234_0516

- **Submit your report to TA by email.**
 - **Email** title: “ SW보안개론(분반) 9번 Quiz 답안 제출”
 - The title for the 2nd class: “SW보안개론(2) 9번 Quiz 답안 제출”
 - The title for the 3rd class: “SW보안개론(3) 9번 Quiz 답안 제출”
 - TA: 한승재 (Seungjae Han) googgstmdwo@naver.com