Homework 0
Submission in the lecture on October 24, 2017

General Notes

- If you encounter difficulties, you SHOULD[1] ask the teaching assistants in the tutorial sessions.
- To solve the homework, you SHOULD form teams of 3 people.
- Your team size MUST NOT exceed 3 people.
- You MUST submit your homework on paper (one submission per team).
- You are free to choose whether you write your solutions in German or in English.
- If your submission contains multiple sheets, you MUST staple them.
- Each sheet of your submission MUST include all team member's names and matriculation numbers.
- If you do not adhere to these rules, you risk loosing points.

Problem 1: Recent Attacks   (5 points)

List three recent hacker attacks that have not been covered in the lecture. Give a link to an article on an IT news web page that covers the attack. Provide a brief explanation in your own words of how the attack worked (2–3 sentences for each attack).

Problem 2: (Informal) Security Properties   (5 points)

Choose one IT application from your daily life. List all security properties (see Slide Set 00, Slides 16 and 17) that are desirable for this application and explain in 2–3 sentences each why they are desirable.

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[1]SHOULD, MUST, and MUST NOT are used as defined in RFC2119.