

## *SE507 $\mu$ Hacking Password Hashes with Rainbow Tables*

### Quizz 2: Password protection

This assessment evaluates the following competencies:

- *CS007 – Understand why it is important to store passwords carefully*
- *CS210 – Understand how passwords can be stored securely in databases*

Three affirmations are given for each assessed competency. For each of them, you have to decide whether it is true or false. To get a star for the competency, you must have the correct answer for the three affirmations.

<b>CS007</b>	<b>True</b>	<b>False</b>
Password database used for website and web application may be stolen if the server is not secured enough.	<input type="checkbox"/>	<input type="checkbox"/>
An attacker that managed to find the password of a user can use it to log in on a system as the user.	<input type="checkbox"/>	<input type="checkbox"/>
A 4-digit pin code can be guessed very quickly using brute-force attack, if the number of connection attempt.	<input type="checkbox"/>	<input type="checkbox"/>

<b>CS210</b>	<b>True</b>	<b>False</b>
Passwords should always be stored in a hashed form in a password database.	<input type="checkbox"/>	<input type="checkbox"/>
It is never possible to reverse a hash value to obtain the password, even if have an infinite amount of time available.	<input type="checkbox"/>	<input type="checkbox"/>
Using a very fast hash function to hash passwords before storing them in a password database is a good design choice.	<input type="checkbox"/>	<input type="checkbox"/>