

Fachbereich Wirtschaftswissenschaften
Institut für Wirtschaftsinformatik
Lehrstuhl für M-Business & Multilateral Security

Mobile Business II

SS 09

Assignment 4

Cryptography

Fachbereich
Wirtschaftswissenschaften

Institut für Wirtschaftsinformatik
Lehrstuhl für M-Business & Multilateral Security
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Exercise 1: PGP

Install GnuPG or similar software for mail encryption on your system. Create a **new** key pair, and send a signed and encrypted message to Gökhan Bal (goekhan.bal@m-chair.net) and Markus Tschersich (markus.tschersich@m-chair.net) containing your newly created **public** key and a short summary of your experiences (in German or English – as you please).

Hints:

- GnuPG can be downloaded from <http://www.gnupg.de/>
- Public keys of m-chair staff members can be found under the respective profile pages on <http://m-chair.net/>

Exercise 2: Caesar-Cipher

Decrypt the following word, encrypted with the Caesar cipher:
JYFWAVNYHWOF
