

**Exercise
Mobile Business I
WS 2023/2024
Work Sheet 3 –
Technology Basics II**

Chair of Mobile Business
& Multilateral Security

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**Exercise 1 (L08 – Smartcards and Related Application
Infrastructures)**

- a) What is a smartcard?
- b) Why are the smartcards used?

Exercise 2 (L09 – Mobile Devices)

- a) What are Personal Area Networks (PANs)?
- b) How has the evolution of mobile devices been when it comes to device capabilities?

Exercise 3 (L10 – Concepts of Mobile OSs)

- a) What is a process?
- b) Describe the advantages of multiprogramming.
- c) Describe the following scheduling algorithms:
 - 1) First Come, First Serve
 - 2) Shortest Job First
 - 3) Priority Scheduling
 - 4) Round Robin Scheduling