Introduction to Programming and Numerical Analysis

Exercise Class 7
Exercise 9

Jonas Theodor Ø. Schmidt

UNIVERSITY OF COPENHAGEN

Today's Program

- 15:15 – 15:20: Introduction to PS5

- 15:20 – 15:50: Work on PS5

- 15:50 – 16:00: Review of A1-A2

- 16:00 – 16:15: Break

- 16:15 – 16:50: Work on PS5

- 16:50-17:00: Review of A3-A4

Tips for A1, A2, and A3

A1

- For the else-statement code the formula for a factorial using recursion.

- Have a look at the Fibonacci number generator in Lecture 3 – Searching and Recursion.

A2

- Have a look at the Bubble-Sort and Swap algorithm in Lecture 3 – Sorting.

A3

- Have a look at the Linear Search algorithm in Lecture 3 – Searching and Recursion.

Tips for A4 and A5

A4

- Follow the outlined steps teodiously.

- Think of the mid-point as the best-guess for finding f(x) = 0.

A5

- Follow the outlined steps teodiously.

- Have a look at the video:

  - https://www.youtube.com/watch?v=kIcIkIsWzrY&ab_channel=KhanAcademyLabs

Questions & comments?