Multimedia systems

Laboratory exercises

Luka Čehovin Zajc

luka.cehovin@fri.uni-lj.si

office hours: flexible

Software

Exercises in Python - Jupyter (IPython)

- Lab.vicos.si - JupyterHub
- Local Docker image
  https://cloud.docker.com/repository/docker/lukacu/jupyter-multimedia-systems
- Google Colab

NOTE: exercises must be submitted to Učilnica before the oral defence

Rules of the "game"

- 5 exercises

- Mandatory tasks (75 points)

- Modifiers

    - Optional assignments (+N points)

    - Bad presentation (-10 points / question)

    - Late presentations (-15 points)

    - Joker week (-15 points)

Exercises at a glance

Exercise 1 – Basic image processing

Exercise 2 – Basic video processing

Exercise 3 – Basic sound processing

Exercise 4 – Image compression

Exercise 5 – Retrieval (text and image retrieval)

Week overview

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Available	1				2			3		4		5			
Defense						1		2		3		4			5
Late							1		2		3				J