

	type:	colab or handwritten	similar exercise						
homework									
ex.5.1.2		handwritten + colab	ex.5.1.1	ex.5.1.1 PDF solution	https://langou.github.io/4650/5.1/exercise_ex_5_1_01_sauer3/exercise_ex_5_1_01_sauer3_sol_langou.pdf				
ex.5.1.4		handwritten + colab	ex.5.1.3	ex.5.1.1 colab helper	https://colab.research.google.com/drive/1jjM3R-n9RK20R8TDdKOQQ5CZTk25vfA				
				ex.5.1.3 PDF solution	https://langou.github.io/4650/5.1/exercise_ex_5_1_03_sauer3/exercise_ex_5_1_03_sauer3_sol_langou.pdf				
				ex.5.1.3 colab helper	https://colab.research.google.com/drive/1rcWecA_rDytr9eCWrsuf2GpHAI0-Gt5P				
ex.5.1.8		handwritten							
ex.5.1.10		handwritten							
ex.5.1.18		handwritten							
ex.5.1.20		handwritten							
cp.5.1.2		colab	cp.5.1.1	colab	https://colab.research.google.com/drive/1G-ZzaPqoDWDClilG6K6iCHhhd1KIjji				
ex.5.2.4.b		handwritten	ex.5.2.4.a	ex.5.2.4.a PDF solution	https://langou.github.io/4650/5.2/exercise_ex_5_2_04_sauer3/exercise_ex_5_2_04_a_sauer3_sol_langou.pdf				
				ex.5.2.4.a colab helper	https://colab.research.google.com/drive/190libB00bBkh-uVgzJS-fZAHpD_-EFsQ				
ex.5.2.6.b		handwritten	ex.5.2.6.a	ex.5.2.6.a PDF solution	https://langou.github.io/4650/5.2/exercise_ex_5_2_06_sauer3/exercise_ex_5_2_06_a_sauer3_sol_langou.pdf				
				ex.5.2.6.a colab helper	https://colab.research.google.com/drive/1fTO6pJti-7le_69CSiZX1ajpu2q64PWX				
cp.5.2.1.a		colab	cp.5.2.1.b	colab	https://colab.research.google.com/drive/11pOIFvreHFRiRvguFiFmPYhRMT-0pQ6g				
cp.5.2.2.a		colab	cp.5.2.2.b	colab	https://colab.research.google.com/drive/1YLpRyGi7l5mHxKiKEiLKrd9t4ShNXTNc				
ex.5.3.2.b		handwritten	ex.5.3.2.a	handwritten colab helper	https://langou.github.io/4650/5.3/exercise_ex_5_3_02_sauer3/exercise_ex_5_3_02_a_sauer3_sol_langou.pdf				
					https://colab.research.google.com/drive/1YVuXc4AH7CFZR55QvmQMIOVvdMnQRtca				
cp.5.3.1.a		colab	cp.5.3.1.b	colab	https://colab.research.google.com/drive/1amn0MJ1KGAYQ4CT6pPy4SICM5vU6TNMI?usp=sharing				
cp.5.4.1.a		colab	cp.5.4.1.b	colab	https://colab.research.google.com/drive/1FmPgmj9bSpJZCqhQQTlaBHE7U98KcTns				
ex.5.5.6.d		colab	ex.5.5.6.d	colab getting started	https://colab.research.google.com/drive/1SIAP-ZoWHIBB1cFnjunA8IYU1bQB8A				
			ex.5.5.6.b	colab	https://colab.research.google.com/drive/1J84HfrV1V12FvmqSero4N4saOJd6h-gn				