homework	type: colab or handwritten	similar exercise		
ex.4.1.1.a	handwritten or typed	ex.4.1.1.b	ex.4.1.1.b PDF solution	https://langou.github.io/4650/4.1/exercise_ex_4_1_01_b_____sauer3/exercise_ex_4_1_01_b_____sauer3___sol_langou.pdf
ex.4.1.1.c			ex.4.1.1.b colab helper	https://colab.research.google.com/drive/1QmlNOuhGT-_UtSpXJJ9VSGUpDS99kDly
ex.4.1.2.a	handwritten or typed	ex.4.1.2.b	ex.4.1.1.b PDF solution	https://langou.github.io/4650/4.1/exercise_ex_4_1_02_b_____sauer3/exercise_ex_4_1_02_b_____sauer3___sol_langou.pdf
			ex.4.1.1.b colab helper	https://colab.research.google.com/drive/19z_bgBQjCaILOA_0w3p6_K4Dg8edxQRm
ex.4.1.8.b	handwritten or typed	ex.4.1.8.a	ex.4.1.8.a PDF solution	https://langou.github.io/4650/4.1/exercise_ex_4_1_08_a_____sauer3/exercise_ex_4_1_08_a_____sauer3___sol_langou.pdf
			ex.4.1.8.a colab helper	https://colab.research.google.com/drive/1-t_9FiXuS5PlzpZeB3vVY6IxLS_6hf4d
ex.4.1.9.b	handwritten or typed	ex.4.1.9.a	ex.4.1.9.a PDF solution	https://langou.github.io/4650/4.1/exercise_ex_4_1_09_a_____sauer3/exercise_ex_4_1_09_a_____sauer3___sol_langou.pdf
			ex.4.1.9.a colab helper	https://colab.research.google.com/drive/1_rkglFPEyktaBG3zKfu6q0lIKwVdZTo8
cp.4.1.5	colab		getting started	https://colab.research.google.com/drive/13gw6Vwiz6cQjx3lElAJtqnxC6vhabWkv
cp.4.2.6	handwritten or typed	cp.4.2.6	cp 4.2.6 colab that you need to explain, see questions in PDF	https://colab.research.google.com/drive/1KQChAXtFm-tQmeb9GvaHJPkkNDIiarVY
cp.4.2.7	handwritten or typed	cp.4.2.7	cp 4.2.7 colab that you need to explain, see questions in PDF	https://colab.research.google.com/drive/1DJFK_hsx23JiX1GF4BFuaNKCtLG7FoeO
cp.4.2.8	handwritten or typed	cp.4.2.8	cp 4.2.8 colab that you need to explain, see questions in PDF	https://colab.research.google.com/drive/15l78g98Fkzl65f_C2uqjC8WCBzK31qT-
cp.4.2.9	both: (colab) and	cp.4.2.9	cp.4.2.9 getting started	https://colab.research.google.com/drive/1juTBIlQWf06NjXEzScfy2CNc4MPUJOS-
cp.4.2.9	(handwritten or typed)		see handwritten question in PDF	
ex.4.3.2.b	handwritten or typed	ex.4.3.2.a	ex.4.3.2.a PDF solution	https://langou.github.io/4650/4.3/exercise_ex_4_3_02_____sauer3/exercise_ex_4_3_02_a_____sauer3___sol_langou.pdf
			ex.4.3.2.a colab helper	https://colab.research.google.com/drive/1oezRRxhJYGh0nXGsbI6oBf34wQo4TKhV
ex.4.3.7.b	handwritten or typed	ex.4.3.7.a	ex.4.3.7.a PDF solution	https://langou.github.io/4650/4.3/exercise_ex_4_3_07_____sauer3/exercise_ex_4_3_07_a_____sauer3___sol_langou.pdf
			ex.4.3.7.a colab helper	https://colab.research.google.com/drive/18V9U-OvfbhAnIRA-FP34nMJooaMHC1tk
ex.4.3.8.b	handwritten or typed	ex.4.3.8.a	ex.4.3.8.a PDF solution	https://langou.github.io/4650/4.3/exercise_ex_4_3_08_____sauer3/exercise_ex_4_3_08_a_____sauer3___sol_langou.pdf
			ex.4.3.8.a colab helper	https://colab.research.google.com/drive/1cw4J2CTJjaPGahWJBS5ujNKJmtEE4h5M
cp.4.3.6	colab	cp.4.3.5	cp.4.3.5 colab	https://colab.research.google.com/drive/1gZqZ_YyeL9qsaShbrqfhuQgDdjBg-Bfj
cp.4.5.1.b	colab	cp.4.5.1.a	cp.4.5.1.a colab	https://colab.research.google.com/drive/1y0lOFet1pjwBMRq1W6tNk-y6UGeTN0L1
cp.4.5.2.b	colab	cp.4.5.2.a	cp.4.5.2.a colab	https://colab.research.google.com/drive/1Yv1h2tUSi3rnBQl9hMOAcE03-w3MXndV
cp.4.5.3.b	colab	cp.4.5.3.a	cp.4.5.3.a colab	https://colab.research.google.com/drive/166Q9rVkcLIeNyaqrZSYjMF_X6Vy1ZGG_
cp.4.5.4.b	colab	cp.4.5.4.a	cp.4.5.4.a colab	https://colab.research.google.com/drive/1Fnl-aiNY6Umxq6Mq2254K9rS5h-oR78w
cp.4.5.8	colab	cp.4.5.7	cp.4.5.7 colab	https://colab.research.google.com/drive/1EbhzqLTxqcl4fR5camz38xPzYHi75ATt
		cp.4.5.8	cp.4.5.8 getting started	https://colab.research.google.com/drive/12nKj0jtmSnSnml86CFsadxyGhhUne3B0
cp.4.5.11.b	colab	cp.4.5.7	cp.4.5.7 colab	https://colab.research.google.com/drive/1EbhzqLTxqcl4fR5camz38xPzYHi75ATt
		cp.4.5.11.b	cp.4.5.11.b getting started	https://colab.research.google.com/drive/15twJmsgjdoJodiH7I9Mtb7ZQj3GSmIEd