National Cheng Kung University Department of Engineering Science
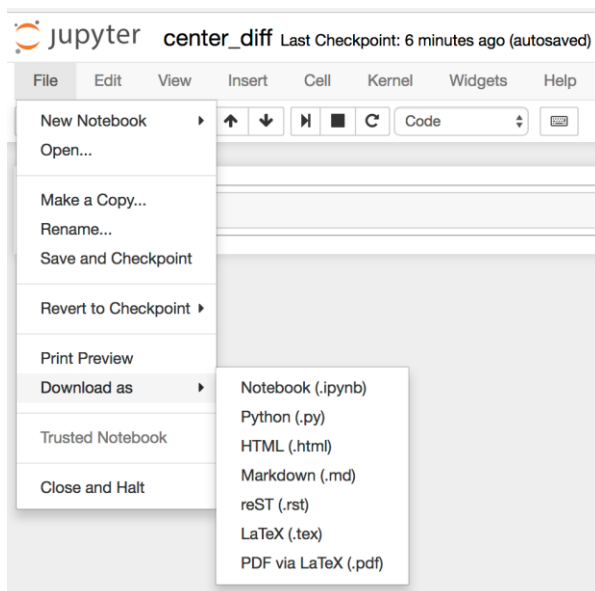
Instructor: Chi-Hua Yu

HW 1
Programming, Due 09:00, Tuesday, March 1st, 2022

注意事項：

1. 請在規定的時段內完成作業，並用你的學號與 HW number 做一個檔案夾 (e.g., N96091350_HW1), 將你的全部 ipynb 檔放入檔案夾，壓縮後上傳至課程網站 (e.g., N96091350_HW1.zip)，超過期限後不予補交。

Homework Submission Procedure (請仔細閱讀)

1. You should submit your Jupyter notebook and Python script (`*.py`, in Jupyter, click File, Download as, Python (`*.py`)).

2. Name a folder using your student id and lab number (e.g., n96081494_HW1), put all the python scripts into the folder and zip the folder (e.g., n96081494_HW1.zip).

3. Submit your lab directly through the course website.

1. **(100%)** Name your Jupyter notebook `read_csv` and Python script `read_csv.py`. Write a program to read `dataset.csv`. Please show the content of data.csv and display the top 10 highest `Income` data. Below is a sample output:

	Id	Income	Age	Experience	Married/Single	CURRENT_JOB_YRS	Risk_Flag
0	154400	8306358	47	15	single	14	0
1	59481	4392927	41	2	single	2	1
2	50443	208537	33	6	married	6	1
3	63544	8752516	33	2	married	2	0
4	74155	499939	25	17	married	9	0
...	...	...	...	...	...	...	...
2995	82475	911309	69	12	single	9	1
2996	113273	7475587	26	16	single	7	1
2997	248916	4901476	39	16	married	4	1
2998	142137	9400073	68	1	married	1	0
2999	243641	3513843	53	5	married	5	0

Top 10 highest Income:

	Id	Income	Age	Experience	Married/Single	CURRENT_JOB_YRS	Risk_Flag
2172	177614	9998070	58	13	single	13	0
1307	45751	9992133	40	14	married	3	0
2294	99443	9991569	45	1	married	1	0
2403	13001	9991569	45	1	married	1	0
114	117101	9985964	28	8	married	8	1
268	73914	9985964	28	8	married	8	1
881	30632	9985964	28	8	married	8	1
1276	187302	9985964	28	8	married	8	1
2463	63110	9985964	28	8	married	8	1
2531	25228	9985964	28	8	married	8	1