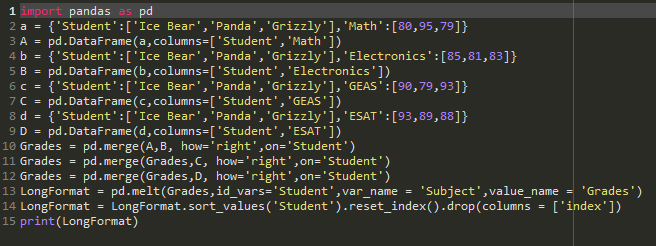
Jan Heidrich Hapis ECE2112

2ECE-A

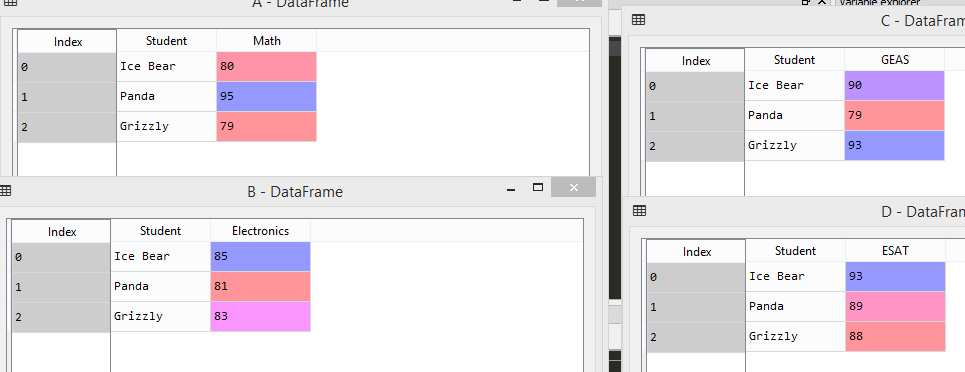
PROGRAMMING ASSIGNMENT: Data Wrangling Using Pandas

**PROBLEM 1:**

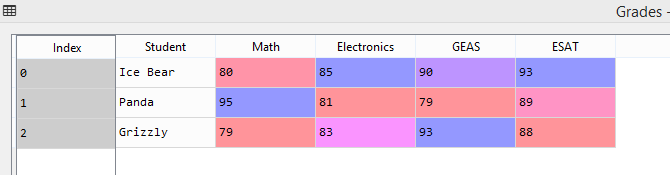
**INPUT:**

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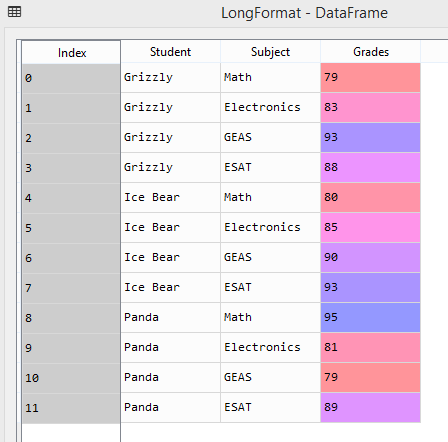
**DATASETS:**

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**MERGE:**

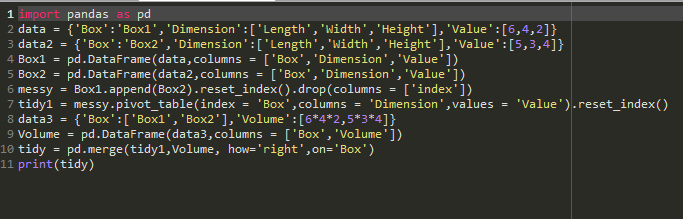
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**LONG FORMAT:**

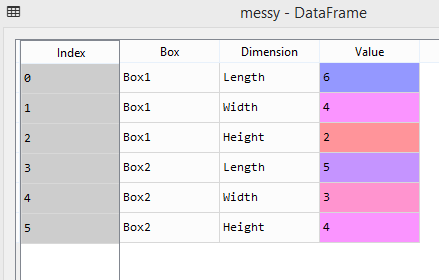
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**PROBLEM 2:**

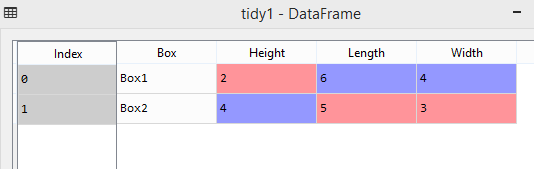
**INPUT:**

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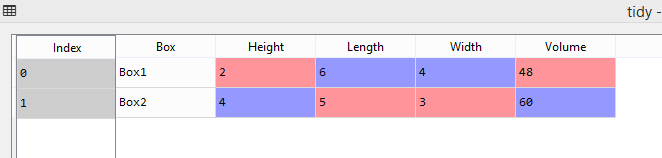
**MESSY:**

****

**TIDY:**

****

**TIDY WITH VOLUME:**

****