Cannonical Error Analysis In Introductory Programming - Call for Participation

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Recommended Citation
Honig, William L.. Cannonical Error Analysis In Introductory Programming - Call for Participation. Cannonical Error Analysis In Introductory Programming - Call for Participation,, 2018. Retrieved from Loyola eCommons, Computer Science: Faculty Publications and Other Works,

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Cannonical Error Analysis for Introductory Programing
A call for interested researchers

What?
1. A standard equivalence class for errors made in programming (Comp 170, 271, 313?, others?)
2. Allows counting of errors
3. Enables analysis of error causes
4. Use to improve teaching and tutoring


How?
1. Adapt and standardize a set of error categories
2. Test ability of faculty / TA / RA to use categories
   - Grading exams
   - Grading assignments
3. Track some numbers and see what we learn
4. Valuable to the field

Interested? Let’s discuss and plan this summer