

Alignment of Teaching and Electronic Exams and Empirical Classification of Errors for an Introductory Programming Class

Can we constructively align
electronic exams to teaching?
→ yes, excellently

Do students like
electronic exams?
→ surprisingly, yes

Can we address learning
objectives on different levels
with electronic exams? → yes

Do teachers like
electronic exams?
→ definitely, yes

What kind of mistakes do
show up? → surprisingly
many syntactic errors

What is the main source of
mistakes? → students
underestimate the effort