Online Exercises for a Proofs Course.

Developing and using online interactive exercises for a course emphasizing logical reasoning and proof has special and significant challenges. My involvement began when I used WebWork to write exercises for my classes. More recently, I have been working with a publisher to adapt exercises from my discrete math book for use with WebAssign. This talk will offer examples of online exercises for a proofs course, and it will discuss advantages and disadvantages of various types of exercises and issues involved in their construction. (Received September 16, 2019)