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**Manmohan Kaur\*** (mkaur@ben.edu), 5700 College Road, Lisle, IL 60540. *Creating and Using Online Quizzes.*

Frequent quizzes form an essential component of mathematics courses. The best way to learn mathematics is to do it. Through quizzes, we not only assess student learning before it is too late, but also make sure that the student visits important concepts over and over again. We have seen that in a course with frequent quizzes, students score better overall.

According to a recent article in The College Mathematics Journal, "Within every course management package, such as Blackboard and WebCT, there are extensive tools for online exam creation and online grading. However, all are unsuited to the mathematics environment." On the other hand, most available online mathematics assessment tools either require Unix platform, or require Maple software on the student machines. These resources are not available in most small liberal arts schools. Further, to create a database of mathematics problems, it is essential that we create multiple problems of the same type. In order to do this, some mathematics programming software must be used.

We will explain how we created a database of mathematics problems in WebCT in an economical way, what difficulties came our way while administering online quizzes, and how we countered them, and will discuss the end of the semester student feedback. (Received September 09, 2005)