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Have you ever wanted to have your students gather real data from real participants? Currently, this is almost impossible in a one term course due to constraints for protecting human subjects. The Island is an online environment populated with islanders' profiles, family history, location, and other pertinent information at the islander level, all designed by the programmers. Consequently, students can design an experiment and gather "real" data from "real" participants. This digital environment is programmed with more than 50 questions that the student can choose from to query an islander as well as more than 200 possible actions that the islander can be requested to do. This presentation will discuss the environment in detail and show examples of student work. Not only is this a wonderful experience for introductory students but it can be used at all levels and in a variety of majors. (Received September 01, 2012)