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Software Development 1

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Making a Quiz

For my project proposal I am going to make an application that automatically generates quizzes, puts them together to be taken, and then reads an answer key for the questions it generated. Each quiz will be different since the questions are all taken randomly each time. The answers will have to be paired with the appropriate questions and print out after the user has finished the entire quiz. There will not be a grade printed out since the answer key allows students to grade themselves. The user will have to answer random questions from a given set and once they have finished the quiz they will be able to see how many they got right or wrong based off the answer key. Each question and answer will have to be connected to each other and the answer would have to be saved to print it only once the user is finished. To pick the questions I will have to use a random function to select a question answer pair but only print the question right away and store the answer for future use. I will have to write many if statements for all possible orders of questions or a method that randomly selects the questions. Correctly pairing the question and answer without immediately printing the answer too might be the most difficult part of the project.