R Script to Grade UO Score Answer Form Based on Output from UO_Score_OMR.R

The R script Grade_UO_Score_OMR.R produces scores and identifies potential student entry issues on the "UO Score Answer Form" based on processing output produced by UO_Score_OMR.R. The script will produce the following output files:

1) A single .csv file holding last name, UO ID number, and exam score
2) A single .txt file holding the location of questions where a student entered no answer and the location of questions where a student entered multiple answers.
3) A single .txt file holding the names of students who did not enter a form number.
4) A single .txt file holding the names of students who potentially entered the wrong form number.

To use the script, follow these steps:

1) Run the "UO_Score_OMR.R" script to produce the .csv file holding the recorded student responses.
2) In the script "Grade_UO_Score_OMR.R" indicate the path where this .csv is stored on the line defining "Student_Answers" (line 21).
3) Indicate the number of versions (line 13).
4) Create a .csv file holding the answer key for the different versions of the exam. The first column should hold question numbers beginning from 1. Each subsequent column should hold solutions based on different exam versions. It is assumed that exam versions are indicated by students on the UO Score Answer Form in Box 5 ("TEST") with integers starting at 1, and the columns of this file hold the solutions for different versions in numerical order. That is, exam version "1" should be in column 2, exam version "2" should be in column 3, etc. If there is only one version of the exam the solutions for this exam should be in column 2. In this case, any student entries on the UO Score answer form in box 5 are ignored.
5) Indicate the path of this answer key file on the line defining "Answer_Key" (line 19).
6) Indicate the path where output files should be stored on the lines defining "output_scores", "answer_issues", "wrong_form" and "no_form" (lines 23, 24, 27, 28).
7) Run the script