

System Test Plan: Grader program

Introduction: The text in bold in the **Description** column represents the test inputs.

Test Files: (List each test file below.)

Test ID	Description	Expected Results	Actual Results
testTooFewArgs Author: Dr. Balik	\$ java -cp bin Grader	Usage: java -cp bin Grader {-o -s} infile outfile Program quits.	Usage: java -cp bin Grader {-o -s} infile outfile Program quits.
testInvalidFlag Author: Dr. Balik	\$ java -cp bin Grader -x test-files/CSC101-003.txt test-files/CSC101-003-Grades.txt	Usage: java -cp bin Grader {-o -s} infile outfile Program quits.	Usage: java -cp bin Grader {-o -s} infile outfile Program quits.
testInputFileAccess Author: Dr. Balik	\$ java -cp bin Grader -o test-files/XYZ-004.txt test-files/XYZ-004-Grades.txt	Unable to access input file: test-files/XYZ-004.txt Program quits.	Unable to access input file: test-files/XYZ-004.txt Program quits.
testOutputFileCreation Author: Dr. Balik	\$ java -cp bin Grader -s test-files/CSC101-003.txt notadirectory/CSC101-003-Grades.txt	Cannot create output file Program quits.	Cannot create output file Program quits.
testSixGradesThreeStudentsOverall Author: Dr. Balik	\$ java -cp bin Grader -o test-files/CSC101-003.txt test-files/CSC101-003-Grades.txt	CSC101-003-Grades.txt is the same as exp_CSC101-003-Grades.txt	CSC101-003-Grades.txt is the same as exp_CSC101-003-Grades.txt
testSixGradesThreeStudentsSummary Author: Dr. Balik	\$ java -cp bin Grader -s test-files/CSC101-003.txt test-files/CSC101-003-Summary.txt	CSC101-003-Summary.txt is the same as exp_CSC101-003-Summary.txt	CSC101-003-Summary.txt is the same as exp_CSC101-003-Summary.txt

Test ID	Description	Expected Results	Actual Results
testSevenGradesFiveStudentsOverall Author: Will Greene	\$ java -cp bin Grader -o test-files/CSC201-001.txt test-files/CSC201-001-Grades.txt	CSC201-001-Grades.txt is the same as exp_CSC201-001-Grades.txt	CSC201-001-Grades.txt is the same as exp_CSC201-001-Grades.txt
testSevenGradesFiveStudentsSummary Author: Will Greene	\$ java -cp bin Grader -s test-files/CSC201-001.txt test-files/CSC201-001-Summary.txt	CSC201-001-Summary.txt is the same as exp_CSC201-001-Summary.txt	CSC201-001-Summary.txt is the same as exp_CSC201-001-Summary.txt
testFiveGradesFourStudentsOverall Author: Will Greene	\$ java -cp bin Grader -o test-files/CSC301-001.txt test-files/CSC301-001-Grades.txt	CSC301-001-Grades.txt is the same as exp_CSC301-001-Grades.txt	CSC301-001-Grades.txt is the same as exp_CSC301-001-Grades.txt
testFiveGradesFourStudentsSummary Author: Will Greene	\$ java -cp bin Grader -s test-files/CSC301-001.txt test-files/CSC301-001-Summary.txt	CSC301-001-Summary.txt is the same as exp_CSC301-001-Summary.txt	CSC301-001-Summary.txt is the same as exp_CSC301-001-Summary.txt