

GolfScore

Test Procedures

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Test Case 30

Tournament Score Correctly Calculated

Script Version: 1.0

Description: This test verifies that GolfScore calculates the total tournament score correctly. GolfScore should total the scores across all courses for each golfer, and output those results to the trunk.rep file.

Input Data: ProgramFunctionalityTournamentScoreIsCorrectlyCalculated.txt

Steps	
1	Ensure that you have a device that can run the Java 8
2	Open terminal (Unix-like) or Command Prompt (Windows)
3	Navigate to the golfscore-java\golfscore-java\bin directory
4	Verify that the “golf” executable file exists and has the correct permissions
5	Unix-like - Run “./golf -t ~/golf-data/ProgramFunctionalityTournamentScoreIsCorrectlyCalculated.txt ~/output” Windows - Run “golf -t ~/golf-data/ProgramFunctionalityTournamentScoreIsCorrectlyCalculated.txt C:\output”
6	Verify that the run was successful and trunk.rep was outputted to the appropriate output directory.
7	Open the trunk.rep file and ensure that the results are as follows: <ul style="list-style-type: none">• “golfer name 20000001” received a tournament score of 108• “golfer name 20000002” received a tournament score of 18• “golfer name 20000003” received a tournament score of 54• “golfer name 20000004” received a tournament score of 72• “golfer name 20000005” received a tournament score of 162

Test Case 17

Validate correct list ordering in the TRR w/ a tied final score

Script Version: 1.0

Description: The test validates that the entries with identical final scores will be listed in alphabetical order by their last name.

Input Data: ~/golf-data/PlayersTournamentScoreTied.txt

Steps	
1	Ensure that you have a device that can run the Java 8
2	Open terminal (Unix-like) or Command Prompt (Windows)
3	Navigate to the golfscore-java\golfscore-java\bin directory
4	Verify that the “golf” executable file exists and has the correct permissions
5	Unix-like - Run “./golf -t ~/golf-data/PlayersTournamentScoreTied.txt ~/output” Windows - Run “golf -t ~/golf-data/PlayersTournamentScoreTied.txt C:\output”
6	Verify that the run was successful and trunk.rep was outputted to the appropriate output directory.
7	Open the trunk.rep file and observe that Golfer with name “golfer name bbbbbbbb” is listed first followed by golfer with name “colfer aame aaaaaaaa” followed by “bolfer name zaaaaaaa”

Test Case 13 File is overwritten if Already exists

Script Version: 1.0

Description: Test verifies that the file is overwritten when prompted

Input Data: ~/golf-data/4GolfScoreTestHappyPath.txt, ~/golf-data/4GolfScoreTestHappyPath2.txt

Steps	
1	Ensure that you have a device that can run the Java 8
2	Open terminal (Unix-like) or Command Prompt (Windows)
3	Navigate to the golfscore-java\golfscore-java\bin directory
4	Verify that the “golf” executable file exists and has the correct permissions
5	remove course.rep file if already exists in ~/output on Unix-like or C:\output
6	Unix-like - Run “./golf -c GolfScoreTestHappyPath.txt ~/output” Windows - Run “golf -t ~/golf-data/GolfScoreTestHappyPath.txt C:\output”
7	Generate sha1 hash of the course.rep file in the output dir.

	Unix-like - Run “sha1sum ~/output/course.rep” Windows - Run “certutil -hashfile C:\output\course.rep”
8	Unix-like - Run “./golf -c GolfScoreTestHappyPath2.txt ~/output” Windows - Run “golf -t ~/golf-data/GolfScoreTestHappyPath2.txt C:\output”
9	Expect Prompt asking to overwrite to appear
10	Press y key and then the enter key
11	Generate sha1 hash of the course.rep file again in the output dir. Unix-like - Run “sha1sum ~/output/course.rep” Windows - Run “certutil -hashfile C:\output\course.rep”
12	Compare the hashes output from step 7 and 11, if they are different the test was successful