| Test Case  | Input Value(s)                           | <b>Driver Functions</b>                        | Expected Outcome(s)   | Observed Outcome(s)   |
|--|--|--|---|---|
| Incorrect input to start/exit the game                               | Input = %, 5, *, P, I                    | void introMenu(int& numFighters, bool& status) | Notify the user that the input is wrong & ask for another input   | Notify the user that the input is wrong & ask for another input   |
| Correct input to start/exit the game                                 | Input = 1, 2                             | void introMenu(int& numFighters, bool& status) | Start the program or exit the program   | Start the program or exit the program   |
| Incorrect input for<br>the number of<br>fighters per team            | Input = *, &, @, I, P                    | void introMenu(int& numFighters, bool& status) | Notify the user that the input is wrong & ask for another input   | Notify the user that the input is wrong & ask for another input   |
| Correct input for<br>the number of<br>fighters per team              | Input = 1, 2, 3, 4, 5,                   | void introMenu(int& numFighters, bool& status) | Accept input & progress forward to request fighter character type selections  | Accept input & progress forward to request fighter character type selections  |
| Incorrect input for teams 1 & 2 character selections within the menu | Input = %, &, *, (, ), #,<br>\$, k, p, Y | void GameMenu(int& option1)                    | Notifies the user of an incorrect input and loops back to the question, prompting the user for input  | Notifies the user of an incorrect input and loops back to the question, prompting the user for input  |
| Correct input for teams 1 & 2 character selections within the menu   | Input = 1, 2, 3, 4, 5, 6                 | void GameMenu(int& option1)                    | Accepts character selections for teams 1 & 2 (all character menu choices must be acceptable if chosen) until the correct number of players per team is chosen | Accepts character selections for teams 1 & 2 (all character menu choices must be acceptable if chosen) until the correct number of players per team is chosen |
| Input for character names  | Input = %, 3, I, P                       | player1->setName(name1)                        | Updates a character's name  | Updates a character's name  |

| (Yes / No)  Correct input when prompted to play another game (Yes / No) | Input = 1, 2  | game  mainMenuReturn(char&)  User must enter a valid character for the yes or no prompt to play another game | input  Y'/'y': Return to the menu & requests the user to select two characters for combat  'N'/'n': End the program                  | input  Y'/'y': Return to the menu & requests the user to select two characters for combat  'N'/'n': End the program                  |
|---|---|--|--|--|
| Incorrect input when prompted to play another game                      | Input = %, &, *, (, ), #,<br>\$, 0, 5, 3, 7, k, p, A, a | mainMenuReturn(char&)  User must enter a valid character for the yes or no prompt to play another            | Notifies the user of an incorrect input and loops back to the question, prompting the user for                                       | Notifies the user of an incorrect input and loops back to the question, prompting the user for                                       |
| Correct input to display characters in the loser pile                   | Input = 1, 2  | losers->reversePrint()   | Prints the list of defeated fighters or does not list the defeated fighters, then asks the user if he/she wants to play another game | Prints the list of defeated fighters or does not list the defeated fighters, then asks the user if he/she wants to play another game |
| Incorrect input to<br>display characters<br>in the loser pile           | Input = %, f, L, y, N,<br>@                             | losers->reversePrint()   | Notifies the user of an incorrect input and loops back to the question, prompting the user for input                                 | Notifies the user of an incorrect input and loops back to the question, prompting the user for input                                 |