

# TEST CASES FOR THE PROGRAM

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Test No.	Test Scenario	Test inputs	Expected results	Actual results	Pass/Fail
1	Selecting the game option	( 1   2   3   4 ) : 1 or 2 or 3 or 4	Continue further	Continue	Pass
2	Selecting invalid game option	( 1   2   3   4 ) : *Enter a str or anything else*	prints "Invalid option" and prompts for the option again	"Invalid option" and prompts for the option again	Pass
3	Playing a Quick game	( 1   2   3   4 ) :1 Give a username: John Answer 5 questions.	After answering 5 questions, display results	Your name is John You got xx questions correct out of 5 Your marks : xx %	Pass
4	Playing a Custom game in EASY level	( 1   2   3   4 ) :2 Give a username: John Difficulty level a   b   c : a Select number of questions needed : 3	After answering the questions, display results	Your name is John You have selected EASY mode You got 1 questions correct out of 3 Your marks : 33.33 %	Pass
5	Playing a Custom game in MEDIUM level	( 1   2   3   4 ) :2 Give a username: John Difficulty level a   b   c : b Select number of questions needed : 2	After answering the questions, display results	Your name is John You have selected MEDIUM mode You got 1 questions correct out of 2 Your marks : 50.0 %	Pass
6	Playing a Custom game in HARD level	( 1   2   3   4 ) :2 Give a username: John Difficulty level a   b   c : c Select number of questions needed : 2	After answering the questions, display results	Your name is John You have selected HARD mode You got 1 questions correct out of 2 Your marks : 50.0 %	Pass

7	Entering an invalid option when selecting levels in CUSTOM game	( 1   2   3   4 ) :2 Give a username: John Difficulty level a   b   c : *ANY OTHER KEY EXCEPT a, b, c*	Display <b>**Invalid option**</b> and prompt for game mode option again	<b>**Invalid option**</b>	Pass
8	Ending the game using the prompt option	Enter "q" to exit	Prints "---GAME OVER. THANKS FOR PLAYING.---" and the game is exited	"---GAME OVER. THANKS FOR PLAYING.---"	Pass
9	Display past game details	( 1   2   3   4 ) :3	Display Game Summary table	<b>****GAME SUMMARY****</b>  <i>DISPLAY TABLE</i>	Pass
10	Exit game	( 1   2   3   4 ) :4	Exit the game	You have exited the game. Thank you!	Pass