Test Case ID	Test Description	Input Data	Steps to Execute	Expected Result	Actual Result	Status
TC_1	When user enter the valid interger values of the length of three sides of a triangle,then program should display a message which type of a triangle it is.	Input A = 10 , B = 10, C = 10	1) Enter valid interger value of one side of a triangle. 2) Enter valid integer value of second side of a triangle 3) Enter valid interger value of third side of a triangle. 4) Execute the program 5)Check for the result of program	The Program should displays message about type of a triangle.	As Expected	Pass
TC_2	When user enter the invalid interger (suchs as number,special character and character) values of the length of three sides of a triangle, then program should display an error message.	Input A = 10 , B = +, C = s	1) Enter invalid integer value of length of three side of a triangle. 2) Execute the program 3)Check for the result of program	The Program should displays an error message about type of a triangle.	As Expected	Pass
TC_3	When user enter the invalid non integer values (such as characters), of the length of three sides of a triangle then program should displays an error message.	Input A=x, B=y, C=z	1) Enter non integer value of length of three side of a triangle. 2) Execute the program 3)Check for the result of program	The Program should displays an error message about non integer value.	As Expected	Pass
TC_4	When user enter three valid integer where two values ares same integer value and the angles opposite the equal sides are also equal, then program should displays the triangle type is Isosceles Triangle	Input A=4, B=4, C=8	1) Enter two sides of a triangle as equal value. 2) Enter the opposite side angle values that is equal. 3) Enter different integer value for other side. 4) Execute the program 5)Check for the result of program	The Program should displays a message that triangle type is Isosceles Triangle	As Expected	Pass
TC_5	When user enter three valid interger value but all of the interger values are different from each other, then program should displays that the triangle type is Scalene Triangle	Input A=4,B=5,C=6	1) Enter interger value of one side of a triangle. 2) Enter different integer value of second side of a triangle 3) Enter different interger value of third side of a triangle. 4) Execute the program 5)Check for the result of program	The Program should displays a message that triangle type is Scalene Triangle	As Expected	Pass
TC_6	When user enter three valid integer value where all three sides and angles are equal of the length of sides of a triangle then, program should displays that the triangle type is Equilateral Triangle	Input A=4,B=4,C=4	1) Enter interger value of one side of a triangle. 2) Enter same integer value of second side of a triangle 3) Enter same interger value of third side of a triangle. 4) Execute the program 5)Check for the result of program	The Program should displays a message that triangle type is Equilateral Triangle	As Expected	Pass
TC_7	When user enter negative integer value of length of sides of a triangle then, program should display an error message that negative value is detected.	Input A = -4, B = 3, C = 3	1) Enter negative interger value of one side of a triangle. 2) Enter positive integer value of second side of a triangle 3) Enter positive interger value of third side of a triangle. 4) Execute the program 5)Check for the result of program	The Program should displays an error message that negative value is detected.	As Expected	Pass
TC_8	When user do not write any valid integer value of the length of three sides of a triangle, then program should display an error message that enter valid integer value.	Input A = , B = , C =	1) Enter no any interger value of one side of a triangle. 2) Enter no any integer value of second side of a triangle 3) Enter no any interger value of third side of a triangle. 4) Execute the program 5)Check for the result of program	The Program should displays an error message that enter valid integer value.	As Expected	Pass