Scenario Number	Scenario_01		
User Objective	To obtain an x value given an expected p from T-Distribution function, typing correct values and without forcing unexpected conditions (like x=0, d=0 or p=0)		
Scenario Objective	This scenario tests the normal operation of the program		
Source	**Step**	**Action**	**Comments**
Program	1	The program asks the user to type the values for the degrees of freedom, the expected p valueand the allowed error	
User	2	The user types the values required correctly.	
Program	3	The program calculates iteratively an approached x value until the allowed error entered by the user is reached.	
Program	4	The program shows in the screen (web or console) the results obtained and closes its operation	

Scenario Number	Scenario_02		
User Objective	The user tries to type an unexpected type of data in the input		
Scenario Objective	This scenario tests the wrong input types from user		
Source	**Step**	**Action**	**Comments**
Program	1	The program asks the user to type the values for the degrees of freedom, the expected p valueand the allowed error	
User	2	The user types any of the input values in an incorrect type	For example, includes alpha characters in numeric fields or writes an expected p value as zero
Program	3	The program launches an exception and terminates its operation	The exception is logged in console or in the web deployment log

Scenario Number	Scenario_03		
User Objective	The user types correct values, but the program reaches conditions when the calculations cannot be made correctly		
Scenario Objective	This scenario tests the limit cases for calculations (when x or d reaches zero values while iterating)		
Source	**Step**	**Action**	**Comments**
Program	1	The program asks the user to type the values for the degrees of freedom, the expected p valueand the allowed error	
User	2	The user types the values required correctly.	
Program	3	While calculating, even the x trial value or the d value reaches a value of zero	x=0 or d=0 are values when iterations and calculations will trigger an infinite loop or an error integrating the functions

Program	4	The program launches an exception and terminates its operation	The exception is logged in console or in the web deployment log