

Serial no	Test scenario	Test scenario id	Test cases	Test cases Id	Prerequisite	Input	Steps	Actual result	Status
1	If-Else Condition Testing	ts01	Verify that the system executes the if block when the condition is true.	tc01	-	1. a 2. a	1. Set up a test case where the condition is true. 2. Verify that the system executes the code within the if block and produces the expected output	True	Pass
			Verify that the system executes the else block when the condition is false.	tc02	-	1. a 2. b	1. Set up a test case where the condition is false 2. Verify that the system executes the code within the else block and produces the expected output	False	Pass
			Verify that the system handles nested if-else blocks correctly.	tc03	-	1. a 2. b 3. c	1. Set up a test case with nested if-else blocks Verify that the system executes the code within each block in the correct order and produces the expected output		Pass
2	For Loop Testing	ts02	Verify that the system executes the loop for the correct number of iterations.	tc10	-	1. 10	1. Set up a test case with a known number of iterations 2. Verify that the system executes the loop for the correct number of iterations and produces the expected output		Pass
			Verify that the system handles nested for loops correctly.	tc11	-	1. 10 2. 20	1. Set up a test case with nested for loops 2. Verify that the system executes the loops in the correct order and for the correct number of iterations, producing the expected output		Pass
			Verify that the system handles the loop counter correctly.	tc12	-	1.< 2. 10	Set up a test case with nested while loops Verify that the system executes the loops in the correct order and terminates when the conditions become false, producing the expected output	exites	Pass
3	While Loop Testing	ts03	Verify that the system executes the loop while the condition is true.	tc20	-	1. l 2. < 3. 10	1. Set up a test case where the condition is initially true 2. Verify that the system executes the loop while the condition remains true and produces the expected output	True	Pass
			Verify that the system handles nested while loops correctly.	tc21	-	1. < 2. 10 3. 20	Set up a test case with nested while loops Verify that the system executes the loops in the correct order and terminates when the conditions become false, producing the expected output	True	Pass
4	SWITCH-CASE statement testing	ts04	Positive test case: Input value matches case	sc01	-	x='case1'	Set up a test case with switch cases Verify that the system executes the statements in the correct order and terminates when the case matches, producing the expected output	Input value matches case1	Pass
			Positive test case: Input value matches default case	sc02	-	x="default"	Set up a test case with switch cases Verify that the system executes the statements in the correct order and terminates when the case matches, producing the expected output	Input value matches default case	Pass

			Negative test case: Input value does not match any case	sc03	-	x="case3"	Set up a test case with switch cases Verify that the system executes the statements in the correct order and terminates when the case doesent matches with any, producing the expected output	No matching case found for input value	Pass
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