

Test No.	Domain Number	Test Inputs <b>Gender = 0 (Boy)</b>	Test Inputs <b>Gender = 1 (Girl)</b>	Expected Output:	Reasoning/Explanation
TC1 TC2	D1 (Age = Any negative number or 0)	Age = -4 / Gender = 0 N/A	N/A Age = 0 / Gender = 1	"Invalid Age Input" "Invalid Age Input"	<b>Closure Error</b> since '0' is not included in the next input domain <b>Closure Error</b> since '0' is not included in the next input domain
TC3 TC4	D2 (Age between 0 and 6) <b>(both ages excluded)</b>	Age = 1,2,3,4 OR 5 / Gender = 0 N/A	N/A Age = 1,2,3,4 OR 5 / Gender = 1	"Boy can participate in Rhyming" "Girl can participate in Rhyming"	Age fits into Input Domain <b>(No closure, shift or tilt errors)</b> Age fits into Input Domain <b>(No closure, shift or tilt errors)</b>
TC5 TC6	D3 (Age either 6 OR 7)	Age = 6 OR 7 / Gender = 0 N/A	N/A Age = 6 OR 7 / Gender = 1	"Invalid Age Input" "Invalid Age Input"	Possible <b>Shifted-Boundary Error</b> since '6' & '7' not included in any program boundaries Possible <b>Shifted-Boundary Error</b> since '6' & '7' not included in any program boundaries
TC7 TC8	D4 (Age between 7 and 10) <b>(Both ages excluded)</b>	Age = 8 OR 9 / Gender = 0 N/A	N/A Age = 8 OR 9 / Gender = 1	"Boy can participate in Story Telling" "Girl can participate in Drawing"	Age fits into Input Domain <b>(No closure, shift or tilt errors)</b> Age fits into Input Domain <b>(No closure, shift or tilt errors)</b>
TC9 TC10	D5 (Age = 10)	Age = 10 / Gender = 0 N/A	N/A Age = 10 / Gender = 1	"Invalid Age Input" "Invalid Age Input"	<b>Closure Error</b> since '10' is not included in the current input domain <b>Closure Error</b> since '10' is not included in the current input domain
TC11 TC12 TC13	D6 (Age between 10 and 15) <b>(both ages excluded)</b>	Age = 11 / Gender = 0 Age 12,13 OR 14 / Gender = 0 N/A	N/A N/A Age = 11,12,13 OR 14 / Gender = 1	"Invalid Age Input" "Boy can participate in Quiz" "Girl can participate in Essay Writing"	<b>Closure Error</b> since '11' is not included in the current input domain Age fits into Input Domain <b>(No closure, shift or tilt errors)</b> Age fits into Input Domain <b>(No closure, shift or tilt errors)</b>
TC14 TC15	D7 (Age between 14 and 21) <b>(both ages excluded)</b>	Age = 15, 16,17,18,19 OR 20 / Gender = 0 N/A	N/A Age = 15, 16,17,18,19 OR 20 / Gender = 1	"Invalid Age Input" "Invalid Age Input"	Possible <b>Shifted-Boundary Error</b> since all these ages <b>aren't</b> included in any Input Domains Possible <b>Shifted-Boundary Error</b> since all these ages <b>aren't</b> included in any Input Domains
TC16 TC17	D8 (Age greater than 20) <b>(Age 20 excluded)</b>	Age = 21 and above / Gender = 0 N/A	N/A Age = 21 and above / Gender = 1	"Boy can participate in Poetry" "Girl can participate in Poetry"	Age fits into Input Domain <b>(No closure, shift or tilt errors)</b> Age fits into Input Domain <b>(No closure, shift or tilt errors)</b>
TC18	*(Any Previously Mentioned Domain)*	Age = 5 / <b>Gender = 3</b>	N/A	"Invalid Gender Input"	Gender is <b>neither 0 (Boy) nor 1 (Girl)</b>
TC19	*(Any Previously Mentioned Domain)*	N/A	<b>Age = 4.5</b> / Gender = 0	Compilation Error	Age can only be an <b>Integer</b> , <b>NO</b> decimal values accepted