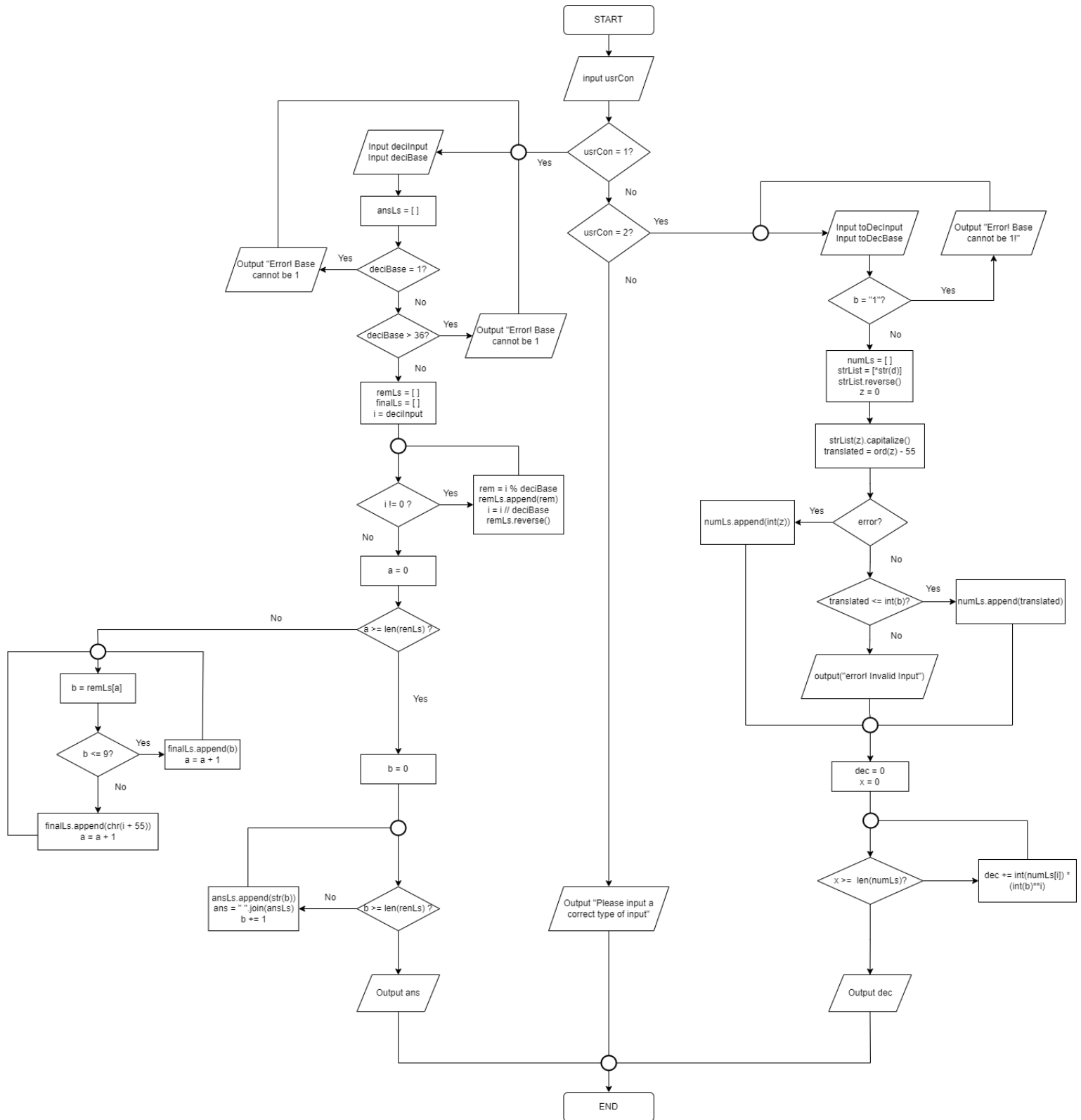


Number Base Converter

Flowchart



Test Case

Test Case	Inputs	Expected Results	Coverage
Converting Normal number from decimal to any base	selectConvert = 1 decInput = 10 decBase = 2	1010	89, 63 - 72, 2 - 3, 13 - 29, 73
Convert hex alphabet from decimal to any base	selectConvert = 1 decInput = 11 decBase = 16	B	89, 63 - 72, 2 - 3, 13 - 29, 73
Input alphabet converting from decimal to any base	selectConvert = 1 decInput = A decBase = A	Please input a correct input type	89, 63 - 70, 74 - 75
Input special characters converting from decimal to any base converting from decimal to any base	selectConvert = 1 decInput = @ decBase = #	Please input a correct input type	89, 63 - 70, 74 - 75
Input base 1 and power 1 converting from decimal to any base	selectConvert = 1 decInput = 1 decBase = 1	ERROR! Base cannot be 1!!	89, 63 - 72, 2 - 6
Input base 0 power 0 converting from decimal to any base	selectConvert = 1 decInput = 0 decBase = 0	ERROR! Base cannot be less than or equal to zero!	89, 63 - 72, 2 - 3, 10 - 12
Input negative number converting from decimal to any base	selectConvert = 1 decInput = -1 decBase = -2	ERROR! Base cannot be less than or equal to zero!	89, 63 - 72, 2 - 3, 10 - 12
Input floating number converting from decimal to any base	selectConvert = 1 decInput = 0.5 decBase = 0.746	Please input a correct input type	89, 63 - 72, 2 - 6
Converting Normal number from any base to decimal	selectConvert = 2 toDecInput = 1010 toDecBase = 2	10	89, 63, 76 - 79, 32, 42 - 48, 57 - 60, 80
Input base 16 and power A from any base to decimal	selectConvert = 2 toDecInput = A toDecBase = 16	10	89, 63, 76 - 79, 32, 42 - 45, 49 - 53, 57 - 60, 80
Input base 16 and power M from any	selectConvert = 2 toDecInput = M	Error! Invalid Input	89, 63, 76 - 79, 32, 42 - 45, 49 - 51, 54 -

base to decimal	toDecBase = 16		56
Input base M and power M from any base to decimal	selectConvert = 2 toDecInput = M toDecBase = M	ERROR! Base cannot be alphabet	89, 63, 76 - 79, 32 - 35
Input base 1 and power 1 from any base to decimal	selectConvert = 2 toDecInput = 1 toDecBase = 1	ERROR! Base cannot be less than 1	89, 63, 76 - 79, 32, 36 - 38
Input base 0 and power 0 from any base to decimal	selectConvert = 2 toDecInput = toDecBase =	ERROR! Base cannot be less than 1	89, 63, 76 - 79, 32, 36 - 38
Input negative number from any base to decimal	selectConvert = 2 toDecInput = -1 toDecBase = -4	ERROR! Base cannot be less than 1	89, 63, 76 - 79, 32, 39 - 41