

Test case Roman V1

Test Case	Description	Input $1 \leq d < 400$,	Expected Output i, v x, l, c	Actual Output	Pass/Fail
1	Number more than 400	410	Input has to be between 1 and 399	Input has to be between 1 and 399	Pass
2	Number smaller than 1	-1	Input has to be between 1 and 399	Did not catch exception	Fail
3	Number smaller than 50	30	42 15 36 0 0	42 15 36 0 0	Pass
4	Number greater than 50 smaller 100	60	84 30 77 21 0	74 30 68 21 0	Fail
5	Number = 400	400	Input has to be between 1 and 399.	Input has to be between 1 and 399.	Pass
6	Number greater 100 smaller 400	101	141 50 150 50 0	131 50 141 50 12	Fail
7	String input	"abcd"	Input has to be between 1 and 399.	Input mismatch exception	Fail
8	Number 9 where smaller value can exist on the left of higher	9	14 5 1 0 0	14 5 1 0 0	Pass
9	Number 4 where smaller value can exist on the left of higher	4	7 1 0 0 0	7 1 0 0 0	Pass
10	Number = 59	59	84 30 76 20 0	74 30 67 20 0	Fail

Summary Roman V1

Pass/Fail	Number of Tests	Percentage of Tests
Pass	5	50%
Fail	5	50%
Total	10	100%

Test case Roman V2

Test Case	Description	Input $1 \leq d < 400$,	Expected Output i, v, x, l, c	Actual Output	Pass/Fail
1	Number more than 400	410	Input has to be between 1 and 399	574 205 842 200 644	Pass
2	Number smaller than 1	-1	Input has to be between 1 and 399	0 0 0 0 0	Fail
3	Number smaller than 50	30	42 15 36 0 0	42 15 36 0 0	Pass
4	Number greater than 50 smaller 100	60	84 30 77 21 0	84 30 68 21 0	Fail
5	Number = 400	400	Input has to be between 1 and 399.	560 200 840 200 604	Fail
6	Number greater 100 smaller 400	101	141 50 150 50 0	141 50 210 50 2	Fail
7	String input	"abcd"	Input has to be between 1 and 399.	Input mismatch exception	Fail
8	Number 9 where smaller value can exist on the left of higher	9	14 5 1 0 0	14 5 1 0 0	Pass
9	Number 4 where smaller value can exist on the left of higher	4	7 1 0 0 0	7 1 0 0 0	Pass
10	Number = 59	59	84 30 77 20 0	84 30 106 10 0	Fail

Summary Roman V2

Pass/Fail	Number of Tests	Percentage
Pass	4	40%
Fail	6	60%
Total	10	100%

Test case RomanV3

<u>Test Case</u>	<u>Description</u>	<u>Input $1 < d < 400$</u>	<u>Expected Output <u>i, v, x, l, c</u></u>	<u>Actual Output</u>	<u>Pass/Fail</u>
1	Number more than 400	410	Input has to be between 1 and 399	Input has to be between 1 and 399	Pass
2	Number smaller than 1	-1	Input has to be between 1 and 399	0 0 0 0 0	Fail
3	Number smaller than 50	30	42 15 36 0 0	42 15 36 0 0	Pass
4	Number greater than 50 smaller 100	60	84 30 77 21 0	70 25 75 11 0	Fail
5	Number = 400	400	Input has to be between 1 and 399.	Input has to be between 1 and 399.	Pass
6	Number greater 100 smaller 400	101	141 50 150 50 12	141 50 150 50 12	Pass
7	String input	"abcd"	Input has to be between 1 and 399.	Input mismatch exception	Fail
8	Number 9 where smaller value can exist on the left of higher	9	14 5 1 0 0	14 5 1 0 0	Pass
9	Number 4 where smaller value can exist on the left of higher	4	7 1 0 0 0	7 1 0 0 0	Pass
10	Number = 59	59	84 30 76 20 0	84 30 76 20 0	Pass

Summary Roman V3

	Number of Tests	Percentage
Pass	7	70%
Fail	3	30%
Total	10	100%