Test Cases

Project A

Test Case No.	Input			expected output	observed output	Explanation
	value	convertFrom	convertTo			
1	60	s	m	120	120	Testing a case with valid integer value(60), valid convertFrom(s), and valid convertTo(m) parameter expecting 120
2	0	seconds	miNute	0	0	Testing a case with valid integer value(0), valid convertFrom(seconds), and invalid convertTo(miNute) parameter expecting 0
3	-2.5	*null*	*null*	-5	-5	Testing a case with valid negative double value(-2.5), null convertFrom, and null convertTo parameter expecting -5
4	0.8	d	h	1.6	1.6	Testing a case with valid double value(0.8), valid convertFrom(d), and valid convertTo(h) parameter expecting 1.6

Figure 1 Project A Test Case #1

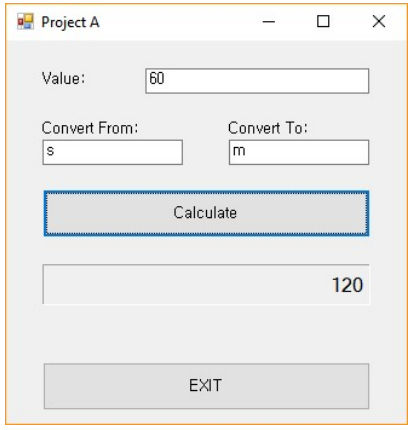


Figure 2 Project A Test Case #2

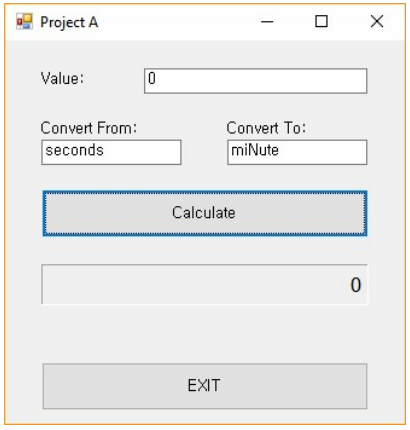


Figure 3 Project A Test Case #3

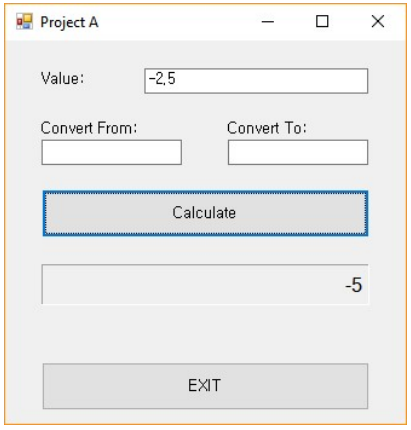
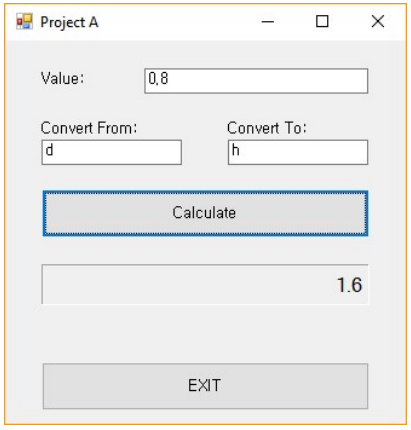


Figure 4 Project A Test Case #4



Project B

Test Case No.	Input			expected output	observed output	Explanation
	value	convertFrom	convertTo			
1	60	Seconds	days	120	120	Testing a case with valid integer value(60), valid convertFrom(Seconds), and valid convertTo(days) parameter expecting 120
2	0	hours	day	incorrect time unit	incorrect time unit	Testing a case with valid integer value(0), valid convertFrom(hours), and invalid convertTo(day) parameter expecting error "incorrect time unit"
3	-2.5	*null*	minutes	incorrect time unit	incorrect time unit	Testing a case with valid integer value(60), invalid null convertFrom, and valid convertTo(minutes) parameter expecting error "incorrect time unit"
4	0.8	hour	miNute	incorrect time unit	incorrect time unit	Testing a case with valid integer value(60), invalid convertFrom(hour), and invalid convertTo(miNute) parameter expecting error "incorrect time unit"

Figure 5 Project B Test Case #1

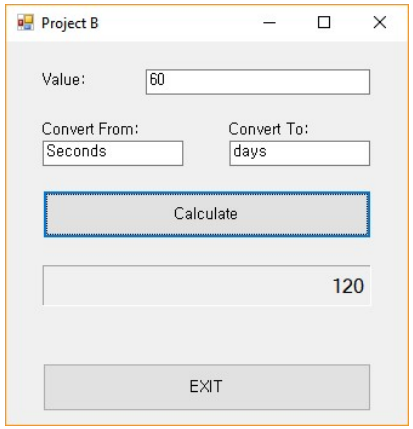


Figure 6 Project B Test Case #2

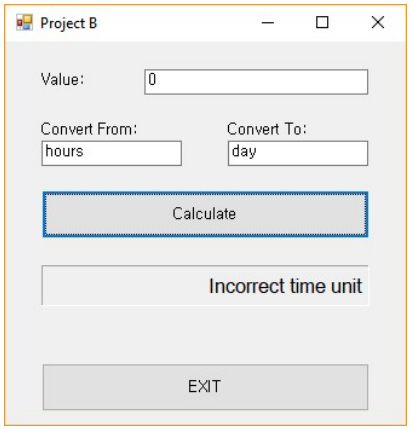


Figure 7 Project B Test Case #3

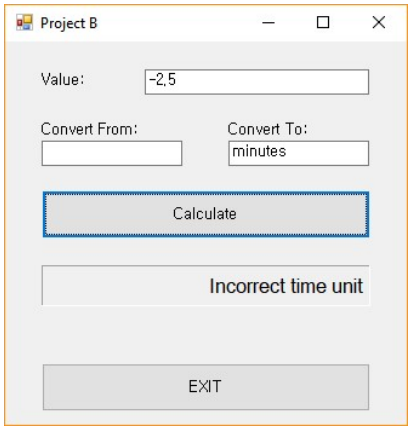
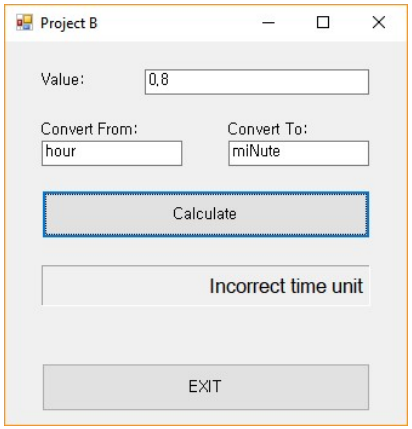


Figure 8 Project B Test Case #4



Project C

Test Case No.	Input			expected output	observed output	Explanation
	value	convertFrom	convertTo			
1	300	S	m	5	5	Testing a case with valid integer value(300), valid convertFrom(s), and valid convertTo(m) parameter expecting 5
2	5.0	m	s	300	300	Testing a case with valid double value(5.0), valid convertFrom(m), and valid convertTo(s) parameter expecting 300
3	-48	H	D	-2	-2	Testing a case with valid negative integer value(-48), valid convertFrom(H), and valid convertTo(D) parameter expecting -2
4	300	Minutes	minute	incorrect time unit	incorrect time unit	Testing a case with valid integer value(300), valid convertFrom(Minutes), and invalid convertTo(minute) parameter expecting incorrect time unit

Figure 9 Project C Test Case #1

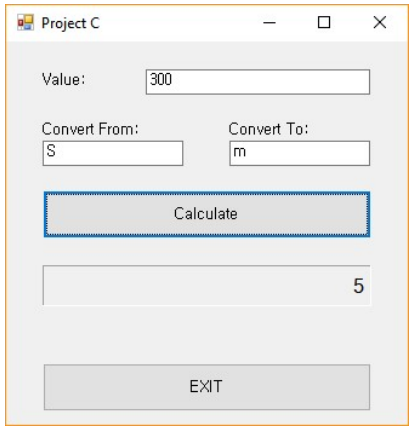


Figure 10 Project C Test Case #2

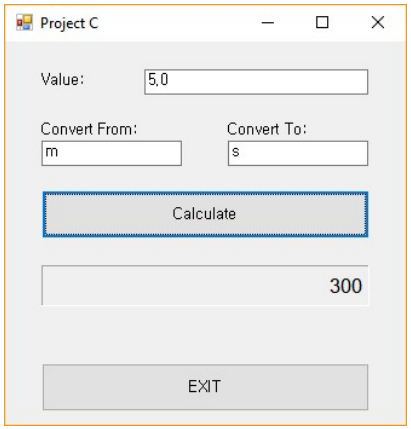


Figure 11 Project C Test Case #3

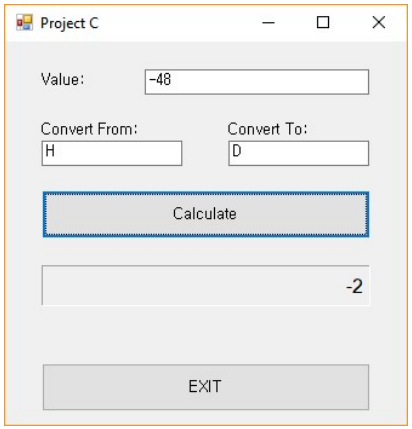


Figure 12 Project C Test Case #4