ID:BSSE1027

GradeCalculatorTestClass

		Function :getGrade test:worstCase		
	Parameter	LowerLimit	Upperlimit	
	mid	0	25	
	ct	0	15	
	attendence	0	10	
	final	0	50	

id	mid	ct	final	attendance	expected	actual	status
1	0	1	1	1	Nil	F	Failed
2	1	1	1	1	Nil	F	Failed
3	25	1	1	1	Nil	F	Failed
4	24	1	1	1	Nil	F	Failed
5	12	1	1	1	Nil	F	Failed
6	0	15	1	1	Nil	F	Failed
7	1	15	1	1	Nil	F	Failed
8	25	15	1	1	Nil	F	Failed
9	24	15	1	1	Nil	F	Failed
10	12	15	1	1	Nil	F	Failed
11	0	14	1	1	Nil	F	Failed
12	1	14	1	1	Nil	F	Failed
13	25	14	1	1	Nil	F	Failed
14	24	14	1	1	Nil	F	Failed
15	12	14	1	1	Nil	F	Failed
16	0	7	1	1	Nil	F	Failed
17	1	7	1	1	Nil	F	Failed
18	25	7	1	1	Nil	F	Failed
19	24	7	1	1	Nil	F	Failed
20	12	7	1	1	Nil	F	Failed
21	0	0	1	1	Nil	F	Failed
22	1	0	1	1	Nil	F	Failed
23	25	0	1	1	Nil	F	Failed
24	24	0	1	1	Nil	F	Failed
25	12	0	1	1	Nil	F	Failed

26	0	1	50	1 Nil	C	Failed
27	1	1	50	1 Nil	C	Failed
28	25	1	50	1 Nil	C	Failed
29	24	1	50	1 Nil	C	Failed
30	12	1	50	1 Nil	C	Failed
31	0	15	50	1 Nil	C	Failed
32	1	15	50	1 Nil	C	Failed
33	25	15	50	1 Nil	C	Failed
34	24	15	50	1 Nil	C	Failed
35	12	15	50	1 Nil	C	Failed
36	0	14	50	1 Nil	C	Failed
37	1	14	50	1 Nil	C	Failed
38	25	14	50	1 Nil	C	Failed
39	24	14	50	1 Nil	C	Failed
40	12	14	50	1 Nil	C	Failed
41	0	7	50	1 Nil	C	Failed
42	1	7	50	1 Nil	C	Failed
43	25	7	50	1 Nil	C	Failed
44	24	7	50	1 Nil	C	Failed
45	12	7	50	1 Nil	C	Failed
46	0	0	50	1 Nil	C	Failed
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55	12	1	49	1 Nil	C	Failed
56	0	15	49	1 Nil	C	Failed
57	1	15	49	1 Nil	C	Failed
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59	24	15	49	1 Nil	C	Failed
60	12	15	49	1 Nil	C	Failed
61	0	14	49	1 Nil	C	Failed
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65	12	14	49	1 Nil	C	Failed
66	0	7	49	1 Nil	C	Failed
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69	24	7	49	1 Nil	C	Failed
70	12	7	49	1 Nil	C	Failed
71	0	0	49	1 Nil	F	Failed
72	1	0	49	1 Nil	C	Failed

73	25	0	49	1 Nil	C	Failed
74	24	0	49	1 Nil	C	Failed
75	12	0	49	1 Nil	C	Failed
76	0	1	25	1 Nil	F	Failed
77	1	1	25	1 Nil	F	Failed
78	25	1	25	1 Nil	C	Failed
79	24	1	25	1 Nil	C	Failed
80	12	1	25	1 Nil	F	Failed
81	0	15	25	1 Nil	F	Failed
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89	24	14	25	1 Nil	C	Failed
90	12	14	25	1 Nil	C	Failed
91	0	7	25	1 Nil	F	Failed
92	1	7	25	1 Nil	F	Failed
93	25	7	25	1 Nil	C	Failed
94	24	7	25	1 Nil	C	Failed
95	12	7	25	1 Nil	F	Failed
96	0	0	25	1 Nil	F	Failed
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115	12	14	0	1 Nil	F	Failed
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117	1	7	0	1 Nil	F	Failed
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119	24	7	0	1 Nil	F	Failed

120	12	7	0	1	Nil	F	Failed
121	0	0	0	1	Nil	F	Failed
122	1	0	0	1	Nil	F	Failed
123	25	0	0	1	Nil	F	Failed
124	24	0	0	1	Nil	F	Failed
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301	0	1	49	9 Nil	C	Failed
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321	0	0	49	9 Nil	C	Failed
322	1	0	49	9 Nil	C	Failed
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331	0	15	25	9 Nil	F	Failed
332	1	15	25	9 Nil	F	Failed
333	25	15	25	9 Nil	C	Failed
334	24	15	25	9 Nil	C	Failed
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350	12	0	25	9 Nil	F	Failed
351	0	1	0	9 Nil	F	Failed
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354	24	1	0	9 Nil	F	Failed

355	12	1	0	9	Nil	F	Failed
356	0	15	0	9	Nil	F	Failed
357	1	15	0	9	Nil	F	Failed
358	25	15	0	9	Nil	F	Failed
359	24	15	0	9	Nil	F	Failed
360	12	15	0	9	Nil	F	Failed
361	0	14	0	9	Nil	F	Failed
362	1	14	0	9	Nil	F	Failed
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365	12	14	0	9	Nil	F	Failed
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375	12	0	0	9	Nil	F	Failed
376	0	1	1	5	Nil	F	Failed
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382	1	15	1	5	Nil	F	Failed
383	25	15	1	5	Nil	F	Failed
384	24	15	1	5	Nil	F	Failed
385	12	15	1	5	Nil	F	Failed
386	0	14	1	5	Nil	F	Failed
387	1	14	1	5	Nil	F	Failed
388	25	14	1	5	Nil	F	Failed
389	24	14	1	5	Nil	F	Failed
390	12	14	1	5	Nil	F	Failed
391	0	7	1	5	Nil	F	Failed
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393	25	7	1	5	Nil	F	Failed
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398	25	0	1	5	Nil	F	Failed
399	24	0	1	5	Nil	F	Failed
400	12	0	1	5	Nil	F	Failed
401	0	1	50	5	Nil	C	Failed

402	1	1	50	5 Nil	C	Failed
403	25	1	50	5 Nil	C	Failed
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405	12	1	50	5 Nil	C	Failed
406	0	15	50	5 Nil	C	Failed
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414	24	14	50	5 Nil	C	Failed
415	12	14	50	5 Nil	C	Failed
416	0	7	50	5 Nil	C	Failed
417	1	7	50	5 Nil	C	Failed
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419	24	7	50	5 Nil	C	Failed
420	12	7	50	5 Nil	C	Failed
421	0	0	50	5 Nil	C	Failed
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424	24	0	50	5 Nil	C	Failed
425	12	0	50	5 Nil	C	Failed
426	0	1	49	5 Nil	C	Failed
427	1	1	49	5 Nil	C	Failed
428	25	1	49	5 Nil	C	Failed
429	24	1	49	5 Nil	C	Failed
430	12	1	49	5 Nil	C	Failed
431	0	15	49	5 Nil	C	Failed
432	1	15	49	5 Nil	C	Failed
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434	24	15	49	5 Nil	C	Failed
435	12	15	49	5 Nil	C	Failed
436	0	14	49	5 Nil	C	Failed
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444	24	7	49	5 Nil	C	Failed
445	12	7	49	5 Nil	C	Failed
446	0	0	49	5 Nil	C	Failed
447	1	0	49	5 Nil	C	Failed
448	25	0	49	5 Nil	C	Failed

449	24	0	49	5 Nil	C	Failed
450	12	0	49	5 Nil	C	Failed
451	0	1	25	5 Nil	F	Failed
452	1	1	25	5 Nil	F	Failed
453	25	1	25	5 Nil	C	Failed
454	24	1	25	5 Nil	C	Failed
455	12	1	25	5 Nil	F	Failed
456	0	15	25	5 Nil	F	Failed
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471	0	0	25	5 Nil	F	Failed
472	1	0	25	5 Nil	F	Failed
473	25	0	25	5 Nil	C	Failed
474	24	0	25	5 Nil	C	Failed
475	12	0	25	5 Nil	F	Failed
476	0	1	0	5 Nil	F	Failed
477	1	1	0	5 Nil	F	Failed
478	25	1	0	5 Nil	F	Failed
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491	0	7	0	5 Nil	F	Failed
492	1	7	0	5 Nil	F	Failed
493	25	7	0	5 Nil	F	Failed
494	24	7	0	5 Nil	F	Failed
495	12	7	0	5 Nil	F	Failed

496	0	0	0	5	Nil	F	Failed
497	1	0	0	5	Nil	F	Failed
498	25	0	0	5	Nil	F	Failed
499	24	0	0	5	Nil	F	Failed
500	12	0	0	5	Nil	F	Failed
501	0	1	1	0	Nil	F	Failed
502	1	1	1	0	Nil	F	Failed
503	25	1	1	0	Nil	F	Failed
504	24	1	1	0	Nil	F	Failed
505	12	1	1	0	Nil	F	Failed
506	0	15	1	0	Nil	F	Failed
507	1	15	1	0	Nil	F	Failed
508	25	15	1	0	Nil	F	Failed
509	24	15	1	0	Nil	F	Failed
510	12	15	1	0	Nil	F	Failed
511	0	14	1	0	Nil	F	Failed
512	1	14	1	0	Nil	F	Failed
513	25	14	1	0	Nil	F	Failed
514	24	14	1	0	Nil	F	Failed
515	12	14	1	0	Nil	F	Failed
516	0	7	1	0	Nil	F	Failed
517	1	7	1	0	Nil	F	Failed
518	25	7	1	0	Nil	F	Failed
519	24	7	1	0	Nil	F	Failed
520	12	7	1	0	Nil	F	Failed
521	0	0	1	0	Nil	F	Failed
522	1	0	1	0	Nil	F	Failed
523	25	0	1	0	Nil	F	Failed
524	24	0	1	0	Nil	F	Failed
525	12	0	1	0	Nil	F	Failed
526	0	1	50	0	Nil	C	Failed
527	1	1	50	0	Nil	C	Failed
528	25	1	50	0	Nil	C	Failed
529	24	1	50	0	Nil	C	Failed
530	12	1	50	0	Nil	C	Failed
531	0	15	50	0	Nil	C	Failed
532	1	15	50	0	Nil	C	Failed
533	25	15	50	0	Nil	C	Failed
534	24	15	50	0	Nil	C	Failed
535	12	15	50	0	Nil	C	Failed
536	0	14	50	0	Nil	C	Failed
537	1	14	50	0	Nil	C	Failed
538	25	14	50	0	Nil	C	Failed
539	24	14	50	0	Nil	C	Failed
540	12	14	50	0	Nil	C	Failed
541	0	7	50	0	Nil	C	Failed
542	1	7	50	0	Nil	C	Failed

543	25	7	50	0 Nil	C	Failed
544	24	7	50	0 Nil	C	Failed
545	12	7	50	0 Nil	C	Failed
546	0	0	50	0 Nil	F	Failed
547	1	0	50	0 Nil	C	Failed
548	25	0	50	0 Nil	C	Failed
549	24	0	50	0 Nil	C	Failed
550	12	0	50	0 Nil	C	Failed
551	0	1	49	0 Nil	F	Failed
552	1	1	49	0 Nil	C	Failed
553	25	1	49	0 Nil	C	Failed
554	24	1	49	0 Nil	C	Failed
555	12	1	49	0 Nil	C	Failed
556	0	15	49	0 Nil	C	Failed
557	1	15	49	0 Nil	C	Failed
558	25	15	49	0 Nil	C	Failed
559	24	15	49	0 Nil	C	Failed
560	12	15	49	0 Nil	C	Failed
561	0	14	49	0 Nil	C	Failed
562	1	14	49	0 Nil	C	Failed
563	25	14	49	0 Nil	C	Failed
564	24	14	49	0 Nil	C	Failed
565	12	14	49	0 Nil	C	Failed
566	0	7	49	0 Nil	C	Failed
567	1	7	49	0 Nil	C	Failed
568	25	7	49	0 Nil	C	Failed
569	24	7	49	0 Nil	C	Failed
570	12	7	49	0 Nil	C	Failed
571	0	0	49	0 Nil	F	Failed
572	1	0	49	0 Nil	F	Failed
573	25	0	49	0 Nil	C	Failed
574	24	0	49	0 Nil	C	Failed
575	12	0	49	0 Nil	C	Failed
576	0	1	25	0 Nil	F	Failed
577	1	1	25	0 Nil	F	Failed
578	25	1	25	0 Nil	C	Failed
579	24	1	25	0 Nil	F	Failed
580	12	1	25	0 Nil	F	Failed
581	0	15	25	0 Nil	F	Failed
582	1	15	25	0 Nil	F	Failed
583	25	15	25	0 Nil	C	Failed
584	24	15	25	0 Nil	C	Failed
585	12	15	25	0 Nil	C	Failed
586	0	14	25	0 Nil	F	Failed
587	1	14	25	0 Nil	F	Failed
588	25	14	25	0 Nil	C	Failed
589	24	14	25	0 Nil	C	Failed

590	12	14	25	0 Nil	C	Failed
591	0	7	25	0 Nil	F	Failed
592	1	7	25	0 Nil	F	Failed
593	25	7	25	0 Nil	C	Failed
594	24	7	25	0 Nil	C	Failed
595	12	7	25	0 Nil	F	Failed
596	0	0	25	0 Nil	F	Failed
597	1	0	25	0 Nil	F	Failed
598	25	0	25	0 Nil	F	Failed
599	24	0	25	0 Nil	F	Failed
600	12	0	25	0 Nil	F	Failed
601	0	1	0	0 Nil	F	Failed
602	1	1	0	0 Nil	F	Failed
603	25	1	0	0 Nil	F	Failed
604	24	1	0	0 Nil	F	Failed
605	12	1	0	0 Nil	F	Failed
606	0	15	0	0 Nil	F	Failed
607	1	15	0	0 Nil	F	Failed
608	25	15	0	0 Nil	F	Failed
609	24	15	0	0 Nil	F	Failed
610	12	15	0	0 Nil	F	Failed
611	0	14	0	0 Nil	F	Failed
612	1	14	0	0 Nil	F	Failed
613	25	14	0	0 Nil	F	Failed
614	24	14	0	0 Nil	F	Failed
615	12	14	0	0 Nil	F	Failed
616	0	7	0	0 Nil	F	Failed
617	1	7	0	0 Nil	F	Failed
618	25	7	0	0 Nil	F	Failed
619	24	7	0	0 Nil	F	Failed
620	12	7	0	0 Nil	F	Failed
621	0	0	0	0 Nil	F	Failed
622	1	0	0	0 Nil	F	Failed
623	25	0	0	0 Nil	F	Failed
624	24	0	0	0 Nil	F	Failed
625	12	0	0	0 Nil	F	Failed

Function :getGrade
test:bvc

Parameter	LowerLimit	Upperlimit
mid	0	25
ct	0	15
attendence	0	10
final	0	50

id	mid	ct	final	attendence	expected	actual	status
1	0	7	25	5 Nil	F	Failed

2	1	7	25	5 Nil	F	Failed
3	25	7	25	5 Nil	C	Failed
4	24	7	25	5 Nil	C	Failed
5	12	0	25	5 Nil	F	Failed
6	12	1	25	5 Nil	F	Failed
7	12	15	25	5 Nil	C	Failed
8	12	14	25	5 Nil	C	Failed
9	12	7	0	5 Nil	F	Failed
10	12	7	1	5 Nil	F	Failed
11	12	7	50	5 Nil	C	Failed
12	12	7	49	5 Nil	C	Failed
13	12	7	25	0 Nil	F	Failed
14	12	7	25	1 Nil	F	Failed
15	12	7	25	10 Nil	C	Failed
16	12	7	25	9 Nil	C	Failed
17	12	7	25	5 Nil	F	Failed

Function :getGpa
test:worstcase

Parameter	LowerLimit	Upperlimit
1	F	A+

id	parameter	expected	actual	status
1	A+	4	0	Failed
2	A	3.75	0	Failed
3	B	3	0	Failed
4	C	2.25	0	Failed
5	F	0	0	Success
6	D	2	0	Failed

CalculatorTestClass

Function :add_1
test:bvc

Parameter		
1	LowerLimit:-999999	Upperlimit:+999999
2	lowerLimit -111111	Upperlimit:+9 111111

ID	param1	param2	expected		status
1	-999999	0	-999999	actual	Successful
2	-999998	0	-999998	-999999	Successful
3	999999	0	999999	-999998	Successful

id	param1	param2	expected	actual	status
4	999998	0	999998	999999	Successful
5	0	-111111	-111111	999998	Successful
6	0	-111110	-111110	-111111	Successful
7	0	111111	111111	-111110	Successful
8	0	111110	111110	111111	Successful
9	0	0	0	111110	Successful
				0	

Function :add_1
test:worstcase

Parameter	LowerLimit	Upperlimit
1	-999999	-111111
2	999999	111111

id	param1	param2	expected	actual	status
1	-999999	-111110	-1111109	-1111109	Successful
2	-999998	-111110	-1111108	-1111108	Successful
3	999999	-111110	888889	888889	Successful
4	999998	-111110	888888	888888	Successful
5	0	-111110	-111110	-111110	Successful
6	-999999	111111	-888888	-888888	Successful
7	-999998	111111	-888887	-888887	Successful
8	999999	111111	1111110	1111110	Successful
9	999998	111111	1111109	1111109	Successful
10	0	111111	111111	111111	Successful
11	-999999	111110	-888889	-888889	Successful
12	-999998	111110	-888888	-888888	Successful
13	999999	111110	1111109	1111109	Successful
14	999998	111110	1111108	1111108	Successful
15	0	111110	111110	111110	Successful
16	-999999	0	-999999	-999999	Successful
17	-999998	0	-999998	-999998	Successful
18	999999	0	999999	999999	Successful
19	999998	0	999998	999998	Successful
20	0	0	0	0	Successful
21	-999999	-111111	-1111110	-1111110	Successful
22	-999998	-111111	-1111109	-1111109	Successful
23	999999	-111111	888888	888888	Successful
24	999998	-111111	888887	888887	Successful
25	0	-111111	-111111	-111111	Successful

Function :add_2
test:bvc

Parameter	LowerLimit	Upperlimit
1	-1	100
2	5	500
3	10	1000

id	param1	param2	param3	expected	actual	status
1	1	252	505	758	758	Successful
2	2	252	505	759	759	Successful
3	100	252	505	857	857	Successful
4	99	252	505	856	856	Successful
5	50	5	505	560	560	Successful
6	50	6	505	561	561	Successful
7	50	500	505	1055	1055	Successful
8	50	499	505	1054	1054	Successful
9	50	252	10	312	312	Successful
10	50	252	11	313	313	Successful
11	50	252	1000	1302	1302	Successful
12	50	252	999	1301	1301	Successful
13	50	252	505	807	807	Successful

Function :add_2
test:worstCase

Parameter	LowerLimit	Upperlimit
1	-1	100
2	5	500
3	10	1000

id	param1	param2	param3	expected	actual	status
1	1	6	11	18	18	Successful
2	2	6	11	19	19	Successful
3	100	6	11	117	117	Successful
4	99	6	11	116	116	Successful
5	50	6	11	67	67	Successful
6	1	500	11	512	512	Successful
7	2	500	11	513	513	Successful
8	100	500	11	611	611	Successful
9	99	500	11	610	610	Successful
10	50	500	11	561	561	Successful
11	1	499	11	511	511	Successful
12	2	499	11	512	512	Successful
13	100	499	11	610	610	Successful
14	99	499	11	609	609	Successful
15	50	499	11	560	560	Successful
16	1	252	11	264	264	Successful
17	2	252	11	265	265	Successful
18	100	252	11	363	363	Successful
19	99	252	11	362	362	Successful
20	50	252	11	313	313	Successful
21	1	5	11	17	17	Successful
22	2	5	11	18	18	Successful
23	100	5	11	116	116	Successful
24	99	5	11	115	115	Successful
25	50	5	11	66	66	Successful

26	1	6	1000	1007	1007 Successful
27	2	6	1000	1008	1008 Successful
28	100	6	1000	1106	1106 Successful
29	99	6	1000	1105	1105 Successful
30	50	6	1000	1056	1056 Successful
31	1	500	1000	1501	1501 Successful
32	2	500	1000	1502	1502 Successful
33	100	500	1000	1600	1600 Successful
34	99	500	1000	1599	1599 Successful
35	50	500	1000	1550	1550 Successful
36	1	499	1000	1500	1500 Successful
37	2	499	1000	1501	1501 Successful
38	100	499	1000	1599	1599 Successful
39	99	499	1000	1598	1598 Successful
40	50	499	1000	1549	1549 Successful
41	1	252	1000	1253	1253 Successful
42	2	252	1000	1254	1254 Successful
43	100	252	1000	1352	1352 Successful
44	99	252	1000	1351	1351 Successful
45	50	252	1000	1302	1302 Successful
46	1	5	1000	1006	1006 Successful
47	2	5	1000	1007	1007 Successful
48	100	5	1000	1105	1105 Successful
49	99	5	1000	1104	1104 Successful
50	50	5	1000	1055	1055 Successful
51	1	6	999	1006	1006 Successful
52	2	6	999	1007	1007 Successful
53	100	6	999	1105	1105 Successful
54	99	6	999	1104	1104 Successful
55	50	6	999	1055	1055 Successful
56	1	500	999	1500	1500 Successful
57	2	500	999	1501	1501 Successful
58	100	500	999	1599	1599 Successful
59	99	500	999	1598	1598 Successful
60	50	500	999	1549	1549 Successful
61	1	499	999	1499	1499 Successful
62	2	499	999	1500	1500 Successful
63	100	499	999	1598	1598 Successful
64	99	499	999	1597	1597 Successful
65	50	499	999	1548	1548 Successful
66	1	252	999	1252	1252 Successful
67	2	252	999	1253	1253 Successful
68	100	252	999	1351	1351 Successful
69	99	252	999	1350	1350 Successful
70	50	252	999	1301	1301 Successful
71	1	5	999	1005	1005 Successful
72	2	5	999	1006	1006 Successful

73	100	5	999	1104	1104 Successful
74	99	5	999	1103	1103 Successful
75	50	5	999	1054	1054 Successful
76	1	6	505	512	512 Successful
77	2	6	505	513	513 Successful
78	100	6	505	611	611 Successful
79	99	6	505	610	610 Successful
80	50	6	505	561	561 Successful
81	1	500	505	1006	1006 Successful
82	2	500	505	1007	1007 Successful
83	100	500	505	1105	1105 Successful
84	99	500	505	1104	1104 Successful
85	50	500	505	1055	1055 Successful
86	1	499	505	1005	1005 Successful
87	2	499	505	1006	1006 Successful
88	100	499	505	1104	1104 Successful
89	99	499	505	1103	1103 Successful
90	50	499	505	1054	1054 Successful
91	1	252	505	758	758 Successful
92	2	252	505	759	759 Successful
93	100	252	505	857	857 Successful
94	99	252	505	856	856 Successful
95	50	252	505	807	807 Successful
96	1	5	505	511	511 Successful
97	2	5	505	512	512 Successful
98	100	5	505	610	610 Successful
99	99	5	505	609	609 Successful
100	50	5	505	560	560 Successful
101	1	6	10	17	17 Successful
102	2	6	10	18	18 Successful
103	100	6	10	116	116 Successful
104	99	6	10	115	115 Successful
105	50	6	10	66	66 Successful
106	1	500	10	511	511 Successful
107	2	500	10	512	512 Successful
108	100	500	10	610	610 Successful
109	99	500	10	609	609 Successful
110	50	500	10	560	560 Successful
111	1	499	10	510	510 Successful
112	2	499	10	511	511 Successful
113	100	499	10	609	609 Successful
114	99	499	10	608	608 Successful
115	50	499	10	559	559 Successful
116	1	252	10	263	263 Successful
117	2	252	10	264	264 Successful
118	100	252	10	362	362 Successful
119	99	252	10	361	361 Successful

120	50	252	10	312	312	Successful
121	1	5	10	16	16	Successful
122	2	5	10	17	17	Successful
123	100	5	10	115	115	Successful
124	99	5	10	114	114	Successful
125	50	5	10	65	65	Successful

Function :divide
test:bvc

Parameter	LowerLimit	Upperlimit
1	100	1000
2	500	5000

id	param1	param2	expected	actual	status
1	100	2750	0	0	Successful
2	101	2750	0	0	Successful
3	1000	2750	0	0	Successful
4	999	2750	0	0	Successful
5	550	500	1	1	Successful
6	550	501	1	1	Successful
7	550	5000	0	0	Successful
8	550	4999	0	0	Successful
9	550	2750	0	0	Successful

Function :divide
test:worstcase

Parameter	LowerLimit	Upperlimit
1	100	1000
2	500	5000

id	param1	param2	expected	actual	status
1	100	501	0	0	Successful
2	101	501	0	0	Successful
3	1000	501	1	1	Successful
4	999	501	1	1	Successful
5	550	501	1	1	Successful
6	100	5000	0	0	Successful
7	101	5000	0	0	Successful
8	1000	5000	0	0	Successful
9	999	5000	0	0	Successful
10	550	5000	0	0	Successful
11	100	4999	0	0	Successful
12	101	4999	0	0	Successful
13	1000	4999	0	0	Successful
14	999	4999	0	0	Successful
15	550	4999	0	0	Successful
16	100	2750	0	0	Successful

17	101	2750	0	0 Successful
18	1000	2750	0	0 Successful
19	999	2750	0	0 Successful
20	550	2750	0	0 Successful
21	100	500	0	0 Successful
22	101	500	0	0 Successful
23	1000	500	2	2 Successful
24	999	500	1	1 Successful
25	550	500	1	1 Successful

Function :multiply
test:bvc

Parameter	LowerLimit	Upperlimit
1	100	1000
2	500	5000

id	param1	param2	expected	actual	status
1	100	2750	275000	275000	Successful
2	101	2750	277750	277750	Successful
3	1000	2750	2750000	2750000	Successful
4	999	2750	2747250	2747250	Successful
5	550	500	275000	275000	Successful
6	550	501	275550	275550	Successful
7	550	5000	2750000	2750000	Successful
8	550	4999	2749450	2749450	Successful
9	550	2750	1512500	1512500	Successful

Function :multiply
test:bvc

Parameter	LowerLimit	Upperlimit
1	100	1000
2	500	5000

id	param1	param2	expected	actual	status
1	100	501	50100	50100	Successful
2	101	501	50601	50601	Successful
3	1000	501	501000	501000	Successful
4	999	501	500499	500499	Successful
5	550	501	275550	275550	Successful
6	100	5000	500000	500000	Successful
7	101	5000	505000	505000	Successful
8	1000	5000	5000000	5000000	Successful
9	999	5000	4995000	4995000	Successful
10	550	5000	2750000	2750000	Successful
11	100	4999	499900	499900	Successful
12	101	4999	504899	504899	Successful

13	1000	4999	4999000	4999000	Successful
14	999	4999	4994001	4994001	Successful
15	550	4999	2749450	2749450	Successful
16	100	2750	275000	275000	Successful
17	101	2750	277750	277750	Successful
18	1000	2750	2750000	2750000	Successful
19	999	2750	2747250	2747250	Successful
20	550	2750	1512500	1512500	Successful
21	100	500	50000	50000	Successful
22	101	500	50500	50500	Successful
23	1000	500	500000	500000	Successful
24	999	500	499500	499500	Successful
25	550	500	275000	275000	Successful

Function :subtract
test:bvc

Parameter	LowerLimit	Upperlimit
1	-999999	-111111
2	999999	111111

id	param1	param2	expected	actual	status
1	-999999	0	-999999	-999999	Successful
2	-999998	0	-999998	-999998	Successful
3	999999	0	999999	999999	Successful
4	999998	0	999998	999998	Successful
5	0	-111111	111111	111111	Successful
6	0	-111110	111110	111110	Successful
7	0	111111	-111111	-111111	Successful
8	0	111110	-111110	-111110	Successful
9	0	0	0	0	Successful

Function :subtract
test:worstcase

Parameter	LowerLimit	Upperlimit
1	-999999	-111111
2	999999	111111

id	param1	param2	expected	actual	status
1	-999999	-111110	-888889	-888889	Successful
2	-999998	-111110	-888888	-888888	Successful
3	999999	-111110	1111109	1111109	Successful
4	999998	-111110	1111108	1111108	Successful
5	0	-111110	111110	111110	Successful
6	-999999	111111	-1111110	-1111110	Successful
7	-999998	111111	-1111109	-1111109	Successful
8	999999	111111	888888	888888	Successful
9	999998	111111	888887	888887	Successful

10	0	111111	-111111	-111111	Successful
11	-999999	111110	-1111109	-1111109	Successful
12	-999998	111110	-1111108	-1111108	Successful
13	999999	111110	888889	888889	Successful
14	999998	111110	888888	888888	Successful
15	0	111110	-111110	-111110	Successful
16	-999999	0	-999999	-999999	Successful
17	-999998	0	-999998	-999998	Successful
18	999999	0	999999	999999	Successful
19	999998	0	999998	999998	Successful
20	0	0	0	0	Successful
21	-999999	-111111	-888888	-888888	Successful
22	-999998	-111111	-888887	-888887	Successful
23	999999	-111111	1111110	1111110	Successful
24	999998	-111111	1111109	1111109	Successful
25	0	-111111	111111	111111	Successful

Function :add3

Parameter	0	1	2	3

id	param1	expected	actual	status
1	{0,1,2,3}	6	6	Succesful