

GradeCalculatorTest Class

Method: getGrade

Technique: Worst Case

Parameters	Min	Max
Mid	0	25
CT	0	15
Final	0	50
Attendance	0	10

ID	Mid	CT	Final	Attendance	Expected	Actual	Comment
1	0	0	0	0	X	F	Fail
2	0	0	0	1	X	F	Fail
3	0	0	0	9	X	F	Fail
4	0	0	0	10	X	F	Fail
5	0	0	0	5	X	F	Fail
6	0	0	1	0	X	F	Fail
7	0	0	1	1	X	F	Fail
8	0	0	1	9	X	F	Fail
9	0	0	1	10	X	F	Fail
10	0	0	1	5	X	F	Fail
11	0	0	49	0	X	F	Fail
12	0	0	49	1	X	F	Fail
13	0	0	49	9	X	C	Fail
14	0	0	49	10	X	C	Fail
15	0	0	49	5	X	C	Fail

16	0	0	50	0	X	F	Fail
17	0	0	50	1	X	C	Fail
18	0	0	50	9	X	C	Fail
19	0	0	50	10	X	C	Fail
20	0	0	50	5	X	C	Fail
21	0	0	25	0	X	F	Fail
22	0	0	25	1	X	F	Fail
23	0	0	25	9	X	F	Fail
24	0	0	25	10	X	F	Fail
25	0	0	25	5	X	F	Fail
26	0	1	0	0	X	F	Fail
27	0	1	0	1	X	F	Fail
28	0	1	0	9	X	F	Fail
29	0	1	0	10	X	F	Fail
30	0	1	0	5	X	F	Fail
31	0	1	1	0	X	F	Fail
32	0	1	1	1	X	F	Fail
33	0	1	1	9	X	F	Fail
34	0	1	1	10	X	F	Fail
35	0	1	1	5	X	F	Fail
36	0	1	49	0	X	F	Fail
37	0	1	49	1	X	C	Fail
38	0	1	49	9	X	C	Fail
39	0	1	49	10	X	C	Fail
40	0	1	49	5	X	C	Fail
41	0	1	50	0	X	C	Fail
42	0	1	50	1	X	C	Fail

43	0	1	50	9	X	C	Fail
44	0	1	50	10	X	C	Fail
45	0	1	50	5	X	C	Fail
46	0	1	25	0	X	F	Fail
47	0	1	25	1	X	F	Fail
48	0	1	25	9	X	F	Fail
49	0	1	25	10	X	F	Fail
50	0	1	25	5	X	F	Fail
51	0	14	0	0	X	F	Fail
52	0	14	0	1	X	F	Fail
53	0	14	0	9	X	F	Fail
54	0	14	0	10	X	F	Fail
55	0	14	0	5	X	F	Fail
56	0	14	1	0	X	F	Fail
57	0	14	1	1	X	F	Fail
58	0	14	1	9	X	F	Fail
59	0	14	1	10	X	F	Fail
60	0	14	1	5	X	F	Fail
61	0	14	49	0	X	C	Fail
62	0	14	49	1	X	C	Fail
63	0	14	49	9	X	C	Fail
64	0	14	49	10	X	C	Fail
65	0	14	49	5	X	C	Fail
66	0	14	50	0	X	C	Fail
67	0	14	50	1	X	C	Fail
68	0	14	50	9	X	C	Fail
69	0	14	50	10	X	C	Fail

70	0	14	50	5	X	C	Fail
71	0	14	25	0	X	F	Fail
72	0	14	25	1	X	F	Fail
73	0	14	25	9	X	F	Fail
74	0	14	25	10	X	F	Fail
75	0	14	25	5	X	F	Fail
76	0	15	0	0	X	F	Fail
77	0	15	0	1	X	F	Fail
78	0	15	0	9	X	F	Fail
79	0	15	0	10	X	F	Fail
80	0	15	0	5	X	F	Fail
81	0	15	1	0	X	F	Fail
82	0	15	1	1	X	F	Fail
83	0	15	1	9	X	F	Fail
84	0	15	1	10	X	F	Fail
85	0	15	1	5	X	F	Fail
86	0	15	49	0	X	C	Fail
87	0	15	49	1	X	C	Fail
88	0	15	49	9	X	C	Fail
89	0	15	49	10	X	C	Fail
90	0	15	49	5	X	C	Fail
91	0	15	50	0	X	C	Fail
92	0	15	50	1	X	C	Fail
93	0	15	50	9	X	C	Fail
94	0	15	50	10	X	C	Fail
95	0	15	50	5	X	C	Fail
96	0	15	25	0	X	F	Fail

97	0	15	25	1	X	F	Fail
98	0	15	25	9	X	F	Fail
99	0	15	25	10	X	F	Fail
100	0	15	25	5	X	F	Fail
101	0	7	0	0	X	F	Fail
102	0	7	0	1	X	F	Fail
103	0	7	0	9	X	F	Fail
104	0	7	0	10	X	F	Fail
105	0	7	0	5	X	F	Fail
106	0	7	1	0	X	F	Fail
107	0	7	1	1	X	F	Fail
108	0	7	1	9	X	F	Fail
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112	0	7	49	1	X	C	Fail
113	0	7	49	9	X	C	Fail
114	0	7	49	10	X	C	Fail
115	0	7	49	5	X	C	Fail
116	0	7	50	0	X	C	Fail
117	0	7	50	1	X	C	Fail
118	0	7	50	9	X	C	Fail
119	0	7	50	10	X	C	Fail
120	0	7	50	5	X	C	Fail
121	0	7	25	0	X	F	Fail
122	0	7	25	1	X	F	Fail
123	0	7	25	9	X	F	Fail

124	0	7	25	10	X	F	Fail
125	0	7	25	5	X	F	Fail
126	1	0	0	0	X	F	Fail
127	1	0	0	1	X	F	Fail
128	1	0	0	9	X	F	Fail
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143	1	0	50	9	X	C	Fail
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145	1	0	50	5	X	C	Fail
146	1	0	25	0	X	F	Fail
147	1	0	25	1	X	F	Fail
148	1	0	25	9	X	F	Fail
149	1	0	25	10	X	F	Fail
150	1	0	25	5	X	F	Fail

151	1	1	0	0	X	F	Fail
152	1	1	0	1	X	F	Fail
153	1	1	0	9	X	F	Fail
154	1	1	0	10	X	F	Fail
155	1	1	0	5	X	F	Fail
156	1	1	1	0	X	F	Fail
157	1	1	1	1	X	F	Fail
158	1	1	1	9	X	F	Fail
159	1	1	1	10	X	F	Fail
160	1	1	1	5	X	F	Fail
161	1	1	49	0	X	C	Fail
162	1	1	49	1	X	C	Fail
163	1	1	49	9	X	C	Fail
164	1	1	49	10	X	C	Fail
165	1	1	49	5	X	C	Fail
166	1	1	50	0	X	C	Fail
167	1	1	50	1	X	C	Fail
168	1	1	50	9	X	C	Fail
169	1	1	50	10	X	C	Fail
170	1	1	50	5	X	C	Fail
171	1	1	25	0	X	F	Fail
172	1	1	25	1	X	F	Fail
173	1	1	25	9	X	F	Fail
174	1	1	25	10	X	F	Fail
175	1	1	25	5	X	F	Fail
176	1	14	0	0	X	F	Fail
177	1	14	0	1	X	F	Fail

178	1	14	0	9	X	F	Fail
179	1	14	0	10	X	F	Fail
180	1	14	0	5	X	F	Fail
181	1	14	1	0	X	F	Fail
182	1	14	1	1	X	F	Fail
183	1	14	1	9	X	F	Fail
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185	1	14	1	5	X	F	Fail
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187	1	14	49	1	X	C	Fail
188	1	14	49	9	X	C	Fail
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193	1	14	50	9	X	C	Fail
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201	1	15	0	0	X	F	Fail
202	1	15	0	1	X	F	Fail
203	1	15	0	9	X	F	Fail
204	1	15	0	10	X	F	Fail

205	1	15	0	5	X	F	Fail
206	1	15	1	0	X	F	Fail
207	1	15	1	1	X	F	Fail
208	1	15	1	9	X	F	Fail
209	1	15	1	10	X	F	Fail
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212	1	15	49	1	X	C	Fail
213	1	15	49	9	X	C	Fail
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215	1	15	49	5	X	C	Fail
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217	1	15	50	1	X	C	Fail
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223	1	15	25	9	X	F	Fail
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227	1	7	0	1	X	F	Fail
228	1	7	0	9	X	F	Fail
229	1	7	0	10	X	F	Fail
230	1	7	0	5	X	F	Fail
231	1	7	1	0	X	F	Fail

232	1	7	1	1	X	F	Fail
233	1	7	1	9	X	F	Fail
234	1	7	1	10	X	F	Fail
235	1	7	1	5	X	F	Fail
236	1	7	49	0	X	C	Fail
237	1	7	49	1	X	C	Fail
238	1	7	49	9	X	C	Fail
239	1	7	49	10	X	C	Fail
240	1	7	49	5	X	C	Fail
241	1	7	50	0	X	C	Fail
242	1	7	50	1	X	C	Fail
243	1	7	50	9	X	C	Fail
244	1	7	50	10	X	C	Fail
245	1	7	50	5	X	C	Fail
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247	1	7	25	1	X	F	Fail
248	1	7	25	9	X	F	Fail
249	1	7	25	10	X	F	Fail
250	1	7	25	5	X	F	Fail
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252	24	0	0	1	X	F	Fail
253	24	0	0	9	X	F	Fail
254	24	0	0	10	X	F	Fail
255	24	0	0	5	X	F	Fail
256	24	0	1	0	X	F	Fail
257	24	0	1	1	X	F	Fail
258	24	0	1	9	X	F	Fail

259	24	0	1	10	X	F	Fail
260	24	0	1	5	X	F	Fail
261	24	0	49	0	X	C	Fail
262	24	0	49	1	X	C	Fail
263	24	0	49	9	X	C	Fail
264	24	0	49	10	X	C	Fail
265	24	0	49	5	X	C	Fail
266	24	0	50	0	X	C	Fail
267	24	0	50	1	X	C	Fail
268	24	0	50	9	X	C	Fail
269	24	0	50	10	X	C	Fail
270	24	0	50	5	X	C	Fail
271	24	0	25	0	X	F	Fail
272	24	0	25	1	X	F	Fail
273	24	0	25	9	X	C	Fail
274	24	0	25	10	X	C	Fail
275	24	0	25	5	X	C	Fail
276	24	1	0	0	X	F	Fail
277	24	1	0	1	X	F	Fail
278	24	1	0	9	X	F	Fail
279	24	1	0	10	X	F	Fail
280	24	1	0	5	X	F	Fail
281	24	1	1	0	X	F	Fail
282	24	1	1	1	X	F	Fail
283	24	1	1	9	X	F	Fail
284	24	1	1	10	X	F	Fail
285	24	1	1	5	X	F	Fail

286	24	1	49	0	X	C	Fail
287	24	1	49	1	X	C	Fail
288	24	1	49	9	X	C	Fail
289	24	1	49	10	X	C	Fail
290	24	1	49	5	X	C	Fail
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292	24	1	50	1	X	C	Fail
293	24	1	50	9	X	C	Fail
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297	24	1	25	1	X	C	Fail
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299	24	1	25	10	X	C	Fail
300	24	1	25	5	X	C	Fail
301	24	14	0	0	X	F	Fail
302	24	14	0	1	X	F	Fail
303	24	14	0	9	X	F	Fail
304	24	14	0	10	X	F	Fail
305	24	14	0	5	X	F	Fail
306	24	14	1	0	X	F	Fail
307	24	14	1	1	X	F	Fail
308	24	14	1	9	X	F	Fail
309	24	14	1	10	X	F	Fail
310	24	14	1	5	X	F	Fail
311	24	14	49	0	X	C	Fail
312	24	14	49	1	X	C	Fail

313	24	14	49	9	X	C	Fail
314	24	14	49	10	X	C	Fail
315	24	14	49	5	X	C	Fail
316	24	14	50	0	X	C	Fail
317	24	14	50	1	X	C	Fail
318	24	14	50	9	X	C	Fail
319	24	14	50	10	X	C	Fail
320	24	14	50	5	X	C	Fail
321	24	14	25	0	X	C	Fail
322	24	14	25	1	X	C	Fail
323	24	14	25	9	X	C	Fail
324	24	14	25	10	X	C	Fail
325	24	14	25	5	X	C	Fail
326	24	15	0	0	X	F	Fail
327	24	15	0	1	X	F	Fail
328	24	15	0	9	X	F	Fail
329	24	15	0	10	X	F	Fail
330	24	15	0	5	X	F	Fail
331	24	15	1	0	X	F	Fail
332	24	15	1	1	X	F	Fail
333	24	15	1	9	X	F	Fail
334	24	15	1	10	X	F	Fail
335	24	15	1	5	X	F	Fail
336	24	15	49	0	X	C	Fail
337	24	15	49	1	X	C	Fail
338	24	15	49	9	X	C	Fail
339	24	15	49	10	X	C	Fail

340	24	15	49	5	X	C	Fail
341	24	15	50	0	X	C	Fail
342	24	15	50	1	X	C	Fail
343	24	15	50	9	X	C	Fail
344	24	15	50	10	X	C	Fail
345	24	15	50	5	X	C	Fail
346	24	15	25	0	X	C	Fail
347	24	15	25	1	X	C	Fail
348	24	15	25	9	X	C	Fail
349	24	15	25	10	X	C	Fail
350	24	15	25	5	X	C	Fail
351	24	7	0	0	X	F	Fail
352	24	7	0	1	X	F	Fail
353	24	7	0	9	X	F	Fail
354	24	7	0	10	X	F	Fail
355	24	7	0	5	X	F	Fail
356	24	7	1	0	X	F	Fail
357	24	7	1	1	X	F	Fail
358	24	7	1	9	X	F	Fail
359	24	7	1	10	X	F	Fail
360	24	7	1	5	X	F	Fail
361	24	7	49	0	X	C	Fail
362	24	7	49	1	X	C	Fail
363	24	7	49	9	X	C	Fail
364	24	7	49	10	X	C	Fail
365	24	7	49	5	X	C	Fail
366	24	7	50	0	X	C	Fail

367	24	7	50	1	X	C	Fail
368	24	7	50	9	X	C	Fail
369	24	7	50	10	X	C	Fail
370	24	7	50	5	X	C	Fail
371	24	7	25	0	X	C	Fail
372	24	7	25	1	X	C	Fail
373	24	7	25	9	X	C	Fail
374	24	7	25	10	X	C	Fail
375	24	7	25	5	X	C	Fail
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377	25	0	0	1	X	F	Fail
378	25	0	0	9	X	F	Fail
379	25	0	0	10	X	F	Fail
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381	25	0	1	0	X	F	Fail
382	25	0	1	1	X	F	Fail
383	25	0	1	9	X	F	Fail
384	25	0	1	10	X	F	Fail
385	25	0	1	5	X	F	Fail
386	25	0	49	0	X	C	Fail
387	25	0	49	1	X	C	Fail
388	25	0	49	9	X	C	Fail
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390	25	0	49	5	X	C	Fail
391	25	0	50	0	X	C	Fail
392	25	0	50	1	X	C	Fail
393	25	0	50	9	X	C	Fail

394	25	0	50	10	X	C	Fail
395	25	0	50	5	X	C	Fail
396	25	0	25	0	X	F	Fail
397	25	0	25	1	X	C	Fail
398	25	0	25	9	X	C	Fail
399	25	0	25	10	X	C	Fail
400	25	0	25	5	X	C	Fail
401	25	1	0	0	X	F	Fail
402	25	1	0	1	X	F	Fail
403	25	1	0	9	X	F	Fail
404	25	1	0	10	X	F	Fail
405	25	1	0	5	X	F	Fail
406	25	1	1	0	X	F	Fail
407	25	1	1	1	X	F	Fail
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410	25	1	1	5	X	F	Fail
411	25	1	49	0	X	C	Fail
412	25	1	49	1	X	C	Fail
413	25	1	49	9	X	C	Fail
414	25	1	49	10	X	C	Fail
415	25	1	49	5	X	C	Fail
416	25	1	50	0	X	C	Fail
417	25	1	50	1	X	C	Fail
418	25	1	50	9	X	C	Fail
419	25	1	50	10	X	C	Fail
420	25	1	50	5	X	C	Fail

421	25	1	25	0	X	C	Fail
422	25	1	25	1	X	C	Fail
423	25	1	25	9	X	C	Fail
424	25	1	25	10	X	C	Fail
425	25	1	25	5	X	C	Fail
426	25	14	0	0	X	F	Fail
427	25	14	0	1	X	F	Fail
428	25	14	0	9	X	F	Fail
429	25	14	0	10	X	F	Fail
430	25	14	0	5	X	F	Fail
431	25	14	1	0	X	F	Fail
432	25	14	1	1	X	F	Fail
433	25	14	1	9	X	F	Fail
434	25	14	1	10	X	F	Fail
435	25	14	1	5	X	F	Fail
436	25	14	49	0	X	C	Fail
437	25	14	49	1	X	C	Fail
438	25	14	49	9	X	C	Fail
439	25	14	49	10	X	C	Fail
440	25	14	49	5	X	C	Fail
441	25	14	50	0	X	C	Fail
442	25	14	50	1	X	C	Fail
443	25	14	50	9	X	C	Fail
444	25	14	50	10	X	C	Fail
445	25	14	50	5	X	C	Fail
446	25	14	25	0	X	C	Fail
447	25	14	25	1	X	C	Fail

448	25	14	25	9	X	C	Fail
449	25	14	25	10	X	C	Fail
450	25	14	25	5	X	C	Fail
451	25	15	0	0	X	F	Fail
452	25	15	0	1	X	F	Fail
453	25	15	0	9	X	F	Fail
454	25	15	0	10	X	F	Fail
455	25	15	0	5	X	F	Fail
456	25	15	1	0	X	F	Fail
457	25	15	1	1	X	F	Fail
458	25	15	1	9	X	F	Fail
459	25	15	1	10	X	C	Fail
460	25	15	1	5	X	F	Fail
461	25	15	49	0	X	C	Fail
462	25	15	49	1	X	C	Fail
463	25	15	49	9	X	C	Fail
464	25	15	49	10	X	C	Fail
465	25	15	49	5	X	C	Fail
466	25	15	50	0	X	C	Fail
467	25	15	50	1	X	C	Fail
468	25	15	50	9	X	C	Fail
469	25	15	50	10	X	C	Fail
470	25	15	50	5	X	C	Fail
471	25	15	25	0	X	C	Fail
472	25	15	25	1	X	C	Fail
473	25	15	25	9	X	C	Fail
474	25	15	25	10	X	C	Fail

475	25	15	25	5	X	C	Fail
476	25	7	0	0	X	F	Fail
477	25	7	0	1	X	F	Fail
478	25	7	0	9	X	F	Fail
479	25	7	0	10	X	F	Fail
480	25	7	0	5	X	F	Fail
481	25	7	1	0	X	F	Fail
482	25	7	1	1	X	F	Fail
483	25	7	1	9	X	F	Fail
484	25	7	1	10	X	F	Fail
485	25	7	1	5	X	F	Fail
486	25	7	49	0	X	C	Fail
487	25	7	49	1	X	C	Fail
488	25	7	49	9	X	C	Fail
489	25	7	49	10	X	C	Fail
490	25	7	49	5	X	C	Fail
491	25	7	50	0	X	C	Fail
492	25	7	50	1	X	C	Fail
493	25	7	50	9	X	C	Fail
494	25	7	50	10	X	C	Fail
495	25	7	50	5	X	C	Fail
496	25	7	25	0	X	C	Fail
497	25	7	25	1	X	C	Fail
498	25	7	25	9	X	C	Fail
499	25	7	25	10	X	C	Fail
500	25	7	25	5	X	C	Fail
501	12	0	0	0	X	F	Fail

502	12	0	0	1	X	F	Fail
503	12	0	0	9	X	F	Fail
504	12	0	0	10	X	F	Fail
505	12	0	0	5	X	F	Fail
506	12	0	1	0	X	F	Fail
507	12	0	1	1	X	F	Fail
508	12	0	1	9	X	F	Fail
509	12	0	1	10	X	F	Fail
510	12	0	1	5	X	F	Fail
511	12	0	49	0	X	C	Fail
512	12	0	49	1	X	C	Fail
513	12	0	49	9	X	C	Fail
514	12	0	49	10	X	C	Fail
515	12	0	49	5	X	C	Fail
516	12	0	50	0	X	C	Fail
517	12	0	50	1	X	C	Fail
518	12	0	50	9	X	C	Fail
519	12	0	50	10	X	C	Fail
520	12	0	50	5	X	C	Fail
521	12	0	25	0	X	F	Fail
522	12	0	25	1	X	F	Fail
523	12	0	25	9	X	F	Fail
524	12	0	25	10	X	F	Fail
525	12	0	25	5	X	F	Fail
526	12	1	0	0	X	F	Fail
527	12	1	0	1	X	F	Fail
528	12	1	0	9	X	F	Fail

529	12	1	0	10	X	F	Fail
530	12	1	0	5	X	F	Fail
531	12	1	1	0	X	F	Fail
532	12	1	1	1	X	F	Fail
533	12	1	1	9	X	F	Fail
534	12	1	1	10	X	F	Fail
535	12	1	1	5	X	F	Fail
536	12	1	49	0	X	C	Fail
537	12	1	49	1	X	C	Fail
538	12	1	49	9	X	C	Fail
539	12	1	49	10	X	C	Fail
540	12	1	49	5	X	C	Fail
541	12	1	50	0	X	C	Fail
542	12	1	50	1	X	C	Fail
543	12	1	50	9	X	C	Fail
544	12	1	50	10	X	C	Fail
545	12	1	50	5	X	C	Fail
546	12	1	25	0	X	F	Fail
547	12	1	25	1	X	F	Fail
548	12	1	25	9	X	F	Fail
549	12	1	25	10	X	F	Fail
550	12	1	25	5	X	F	Fail
551	12	14	0	0	X	F	Fail
552	12	14	0	1	X	F	Fail
553	12	14	0	9	X	F	Fail
554	12	14	0	10	X	F	Fail
555	12	14	0	5	X	F	Fail

556	12	14	1	0	X	F	Fail
557	12	14	1	1	X	F	Fail
558	12	14	1	9	X	F	Fail
559	12	14	1	10	X	F	Fail
560	12	14	1	5	X	F	Fail
561	12	14	49	0	X	C	Fail
562	12	14	49	1	X	C	Fail
563	12	14	49	9	X	C	Fail
564	12	14	49	10	X	C	Fail
565	12	14	49	5	X	C	Fail
566	12	14	50	0	X	C	Fail
567	12	14	50	1	X	C	Fail
568	12	14	50	9	X	C	Fail
569	12	14	50	10	X	C	Fail
570	12	14	50	5	X	C	Fail
571	12	14	25	0	X	C	Fail
572	12	14	25	1	X	C	Fail
573	12	14	25	9	X	C	Fail
574	12	14	25	10	X	C	Fail
575	12	14	25	5	X	C	Fail
576	12	15	0	0	X	F	Fail
577	12	15	0	1	X	F	Fail
578	12	15	0	9	X	F	Fail
579	12	15	0	10	X	F	Fail
580	12	15	0	5	X	F	Fail
581	12	15	1	0	X	F	Fail
582	12	15	1	1	X	F	Fail

583	12	15	1	9	X	F	Fail
584	12	15	1	10	X	F	Fail
585	12	15	1	5	X	F	Fail
586	12	15	49	0	X	C	Fail
587	12	15	49	1	X	C	Fail
588	12	15	49	9	X	C	Fail
589	12	15	49	10	X	C	Fail
590	12	15	49	5	X	C	Fail
591	12	15	50	0	X	C	Fail
592	12	15	50	1	X	C	Fail
593	12	15	50	9	X	C	Fail
594	12	15	50	10	X	C	Fail
595	12	15	50	5	X	C	Fail
596	12	15	25	0	X	C	Fail
597	12	15	25	1	X	C	Fail
598	12	15	25	9	X	C	Fail
599	12	15	25	10	X	C	Fail
600	12	15	25	5	X	C	Fail
601	12	7	0	0	X	F	Fail
602	12	7	0	1	X	F	Fail
603	12	7	0	9	X	F	Fail
604	12	7	0	10	X	F	Fail
605	12	7	0	5	X	F	Fail
606	12	7	1	0	X	F	Fail
607	12	7	1	1	X	F	Fail
608	12	7	1	9	X	F	Fail
609	12	7	1	10	X	F	Fail

610	12	7	1	5	X	F	Fail
611	12	7	49	0	X	C	Fail
612	12	7	49	1	X	C	Fail
613	12	7	49	9	X	C	Fail
614	12	7	49	10	X	C	Fail
615	12	7	49	5	X	C	Fail
616	12	7	50	0	X	C	Fail
617	12	7	50	1	X	C	Fail
618	12	7	50	9	X	C	Fail
619	12	7	50	10	X	C	Fail
620	12	7	50	5	X	C	Fail
621	12	7	25	0	X	F	Fail
622	12	7	25	1	X	F	Fail
623	12	7	25	9	X	C	Fail
624	12	7	25	10	X	C	Fail
625	12	7	25	5	X	F	Fail

Technique: Decision Table

		Rule 1	Rule 2	Rule 3	Rule 4	Rule 5
Condition stub	total >= 80	T	F	F	F	F
	total >= 70	I	T	F	F	F
	total >= 60	I	I	T	F	F
	total >=	I	I	I	T	F

	50								
	total<=								
	50								T
	A+	x							
	A			x					
Action									
Stub	B				x				
	C						x		
	F								x

Technique: Equivalence Class Testing

Possible classes :

$I_1 = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : 0 \leq \text{mid} \leq 25 \}$

$I_2 = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : 0 \leq \text{ct} \leq 15 \}$

$I_3 = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : 0 \leq \text{finalExam} \leq 50 \}$

$I_4 = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : 0 \leq \text{attendance} \leq 10 \}$

$I_5 = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : \text{mid} < 0 \}$

$I_6 = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : \text{mid} > 25 \}$

$I_7 = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : \text{ct} < 0 \}$

$I_8 = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : \text{ct} > 15 \}$

$I_9 = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : \text{finalExam} < 0 \}$

$I_{10} = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : \text{finalExam} > 50 \}$

$I_{11} = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : \text{attendance} < 0 \}$

$I_{12} = \{ \langle \text{mid}, \text{ct}, \text{finalExam}, \text{attendance} \rangle : \text{attendance} > 10 \}$

mid	ct	finalExam	attendance	Classes covered by the test case	Expected	Actual	Comment
18	13	45	10	I ₁ , I ₂ , I ₃ , I ₄	A+	C	Fail
-1	13	45	10	I ₅	Invalid input C		Fail
27	13	45	10	I ₆	Invalid input C		Fail
18	-1	45	10	I ₇	Invalid input C		Fail
18	23	45	10	I ₈	Invalid input C		Fail
18	13	-10	10	I ₉	Invalid input F		Fail
18	13	55	10	I ₁₀	Invalid input C		Fail
18	13	45	-10	I ₁₁	Invalid input C		Fail
18	13	45	12	I ₁₂	Invalid input C		Fail

Method: getGPA

Technique: Worst Case

ID	Input	Expected	Actual	Comment
1	A+	4.00	0.0	Fail
2	A	3.50	0.0	Fail
3	B	3.00	0.0	Fail
4	C	2.00	2.00	Success

5	D	0.0	0.0	Success
6	F	0.0	0.0	Success

Technique: Decision Table

		Rule 1	Rule 2	Rule 3	Rule 4	Rule 5
Condition stub	grade=="A+"	T	F	F	F	F
	grade == "A"	I	T	F	F	F
	grade=="B"	I	I	T	F	F
	grade=="C"	I	I	I	T	F
Action Stub	4	x				
	3.5		x			
	3			x		
	2				x	
	0					x

Technique: Equivalence Class Testing

Possible classes :

$I_1 = \{ \langle \text{grade} \rangle : \text{grade} = \text{"A+"} \}$

$I_2 = \{ \langle \text{grade} \rangle : \text{grade} = \text{"A"} \}$

$I_3 = \{ \langle \text{grade} \rangle : \text{grade} = \text{"B"} \}$

$I_4 = \{ \langle \text{grade} \rangle : \text{grade} = \text{"C"} \}$

$I_5 = \{ \langle \text{grade} \rangle : \text{grade} = \text{"D"} \}$

$I_6 = \{ \langle \text{grade} \rangle : \text{grade} = \text{"F"} \}$

grade	Classes	Expected	Actual	Comment
A+	I_1	4.00	0.0	Fail
A	I_2	3.50	0.0	Fail
B	I_3	3.00	0.0	Fail
C	I_4	2.00	2.00	Success
D	I_5	0.0	0.0	Success
F	I_6	0.0	0.0	Success

CaculatorTest Class

Method: add(a,b)

Technique: Worst case

Parameter	Min	Max
a	-10	100
b	-50	500

ID	a	b	Expected	Actual	Comment
1	-10	-50	-60	-60	Success
2	-10	-49	-59	-59	Success
3	-10	499	489	489	Success
4	-10	500	490	490	Success
5	-10	225	215	215	Success
6	-9	-50	-59	-59	Success
7	-9	-49	-58	-58	Success
8	-9	499	490	490	Success
9	-9	500	491	491	Success
10	-9	225	216	216	Success
11	99	-50	49	49	Success
12	99	-49	50	50	Success
13	99	499	598	598	Success
14	99	500	599	599	Success
15	99	225	324	324	Success
16	100	-50	50	50	Success

17	100	-49	51	51	Success
18	100	499	599	599	Success
19	100	500	600	600	Success
20	100	225	325	325	Success
21	45	-50	-5	-5	Success
22	45	-49	-4	-4	Success
23	45	499	544	544	Success
24	45	500	545	545	Success
25	45	225	270	270	Success

Method: add(a,b,c)

Technique: Worst case

Parameter	Min	Max
a	-10	100
b	-50	500
c	-10	10

ID	a	b	c	Expected	Actual	Comment
1	-10	-50	-10	-70	-70	Success
2	-10	-50	-9	-69	-69	Success
3	-10	-50	9	-51	-51	Success
4	-10	-50	10	-50	-50	Success
5	-10	-50	0	-60	-60	Success
6	-10	-49	-10	-69	-69	Success

7	-10	-49	-9	-68	-68	Success
8	-10	-49	9	-50	-50	Success
9	-10	-49	10	-49	-49	Success
10	-10	-49	0	-59	-59	Success
11	-10	499	-10	479	479	Success
12	-10	499	-9	480	480	Success
13	-10	499	9	498	498	Success
14	-10	499	10	499	499	Success
15	-10	499	0	489	489	Success
16	-10	500	-10	480	480	Success
17	-10	500	-9	481	481	Success
18	-10	500	9	499	499	Success
19	-10	500	10	500	500	Success
20	-10	500	0	490	490	Success
21	-10	225	-10	205	205	Success
22	-10	225	-9	206	206	Success
23	-10	225	9	224	224	Success
24	-10	225	10	225	225	Success
25	-10	225	0	215	215	Success
26	-9	-50	-10	-69	-69	Success
27	-9	-50	-9	-68	-68	Success
28	-9	-50	9	-50	-50	Success
29	-9	-50	10	-49	-49	Success
30	-9	-50	0	-59	-59	Success
31	-9	-49	-10	-68	-68	Success
32	-9	-49	-9	-67	-67	Success
33	-9	-49	9	-49	-49	Success

34	-9	-49	10	-48	-48	Success
35	-9	-49	0	-58	-58	Success
36	-9	499	-10	480	480	Success
37	-9	499	-9	481	481	Success
38	-9	499	9	499	499	Success
39	-9	499	10	500	500	Success
40	-9	499	0	490	490	Success
41	-9	500	-10	481	481	Success
42	-9	500	-9	482	482	Success
43	-9	500	9	500	500	Success
44	-9	500	10	501	501	Success
45	-9	500	0	491	491	Success
46	-9	225	-10	206	206	Success
47	-9	225	-9	207	207	Success
48	-9	225	9	225	225	Success
49	-9	225	10	226	226	Success
50	-9	225	0	216	216	Success
51	99	-50	-10	39	39	Success
52	99	-50	-9	40	40	Success
53	99	-50	9	58	58	Success
54	99	-50	10	59	59	Success
55	99	-50	0	49	49	Success
56	99	-49	-10	40	40	Success
57	99	-49	-9	41	41	Success
58	99	-49	9	59	59	Success
59	99	-49	10	60	60	Success
60	99	-49	0	50	50	Success

61	99	499	-10	588	588	Success
62	99	499	-9	589	589	Success
63	99	499	9	607	607	Success
64	99	499	10	608	608	Success
65	99	499	0	598	598	Success
66	99	500	-10	589	589	Success
67	99	500	-9	590	590	Success
68	99	500	9	608	608	Success
69	99	500	10	609	609	Success
70	99	500	0	599	599	Success
71	99	225	-10	314	314	Success
72	99	225	-9	315	315	Success
73	99	225	9	333	333	Success
74	99	225	10	334	334	Success
75	99	225	0	324	324	Success
76	100	-50	-10	40	40	Success
77	100	-50	-9	41	41	Success
78	100	-50	9	59	59	Success
79	100	-50	10	60	60	Success
80	100	-50	0	50	50	Success
81	100	-49	-10	41	41	Success
82	100	-49	-9	42	42	Success
83	100	-49	9	60	60	Success
84	100	-49	10	61	61	Success
85	100	-49	0	51	51	Success
86	100	499	-10	589	589	Success
87	100	499	-9	590	590	Success

88	100	499	9	608	608	Success
89	100	499	10	609	609	Success
90	100	499	0	599	599	Success
91	100	500	-10	590	590	Success
92	100	500	-9	591	591	Success
93	100	500	9	609	609	Success
94	100	500	10	610	610	Success
95	100	500	0	600	600	Success
96	100	225	-10	315	315	Success
97	100	225	-9	316	316	Success
98	100	225	9	334	334	Success
99	100	225	10	335	335	Success
100	100	225	0	325	325	Success
101	45	-50	-10	-15	-15	Success
102	45	-50	-9	-14	-14	Success
103	45	-50	9	4	4	Success
104	45	-50	10	5	5	Success
105	45	-50	0	-5	-5	Success
106	45	-49	-10	-14	-14	Success
107	45	-49	-9	-13	-13	Success
108	45	-49	9	5	5	Success
109	45	-49	10	6	6	Success
110	45	-49	0	-4	-4	Success
111	45	499	-10	534	534	Success
112	45	499	-9	535	535	Success
113	45	499	9	553	553	Success
114	45	499	10	554	554	Success

115	45	499	0	544	544	Success
116	45	500	-10	535	535	Success
117	45	500	-9	536	536	Success
118	45	500	9	554	554	Success
119	45	500	10	555	555	Success
120	45	500	0	545	545	Success
121	45	225	-10	260	260	Success
122	45	225	-9	261	261	Success
123	45	225	9	279	279	Success
124	45	225	10	280	280	Success
125	45	225	0	270	270	Success

Method: divide(a,b)

Technique: Worst case

Parameter	Min	Max
a	-10	30
b	5	50

ID	a	b	Expected	Actual	Comment
1	-10	5	-2	-2	Success
2	-10	6	-1	-1	Success
3	-10	49	0	0	Success
4	-10	50	0	0	Success
5	-10	27	0	0	Success
6	-9	5	-1	-1	Success
7	-9	6	-1	-1	Success

8	-9	49	0	0	Success
9	-9	50	0	0	Success
10	-9	27	0	0	Success
11	29	5	5	5	Success
12	29	6	4	4	Success
13	29	49	0	0	Success
14	29	50	0	0	Success
15	29	27	1	1	Success
16	30	5	6	6	Success
17	30	6	5	5	Success
18	30	49	0	0	Success
19	30	50	0	0	Success
20	30	27	1	1	Success
21	10	5	2	2	Success
22	10	6	1	1	Success
23	10	49	0	0	Success
24	10	50	0	0	Success
25	10	27	0	0	Success

Method: subtract(a,b)

Technique: Worst case

Parameter	Min	Max
a	10	1000
b	-1000	1000

ID	a	b	Expected	Actual	Comment
1	10	-1000	1010	1010	Success
2	10	-999	1009	1009	Success
3	10	999	-989	-989	Success
4	10	1000	-990	-990	Success
5	10	0	10	10	Success
6	11	-1000	1011	1011	Success
7	11	-999	1010	1010	Success
8	11	999	-988	-988	Success
9	11	1000	-989	-989	Success
10	11	0	11	11	Success
11	999	-1000	1999	1999	Success
12	999	-999	1998	1998	Success
13	999	999	0	0	Success
14	999	1000	-1	-1	Success
15	999	0	999	999	Success
16	1000	-1000	2000	2000	Success
17	1000	-999	1999	1999	Success
18	1000	999	1	1	Success
19	1000	1000	0	0	Success
20	1000	0	1000	1000	Success
21	505	-1000	1505	1505	Success
22	505	-999	1504	1504	Success
23	505	999	-494	-494	Success
24	505	1000	-495	-495	Success
25	505	0	505	505	Success

Method: multiply(a,b)

Technique: Worst case

Parameter	Min	Max
a	-100	100
b	-50	50

ID	a	b	Expected	Actual	Comment
1	-100	-50	5000	5000	Success
2	-100	-49	4900	4900	Success
3	-100	49	-4900	-4900	Success
4	-100	50	-5000	-5000	Success
5	-100	0	0	0	Success
6	-99	-50	4950	4950	Success
7	-99	-49	4851	4851	Success
8	-99	49	-4851	-4851	Success
9	-99	50	-4950	-4950	Success
10	-99	0	0	0	Success
11	99	-50	-4950	-4950	Success
12	99	-49	-4851	-4851	Success
13	99	49	4851	4851	Success
14	99	50	4950	4950	Success
15	99	0	0	0	Success
16	100	-50	-5000	-5000	Success
17	100	-49	-4900	-4900	Success
18	100	49	4900	4900	Success

19	100	50	5000	5000	Success
20	100	0	0	0	Success
21	0	-50	0	0	Success
22	0	-49	0	0	Success
23	0	49	0	0	Success
24	0	50	0	0	Success
25	0	0	0	0	Success