2024-12-20 2:50 p.m. -- Here are the final exam scores and class grades.
My grading program doesn't show all of the scores at the end
of the semester, for privacy reasons. The final exam histogram is
at the bottom, as usual. I re-emailed your grade ID a few days before
the final; please look for that email (or the original one) before emailing
me to ask for it.

The exam average was a lot higher than Exam #1's, but a bit lower than
Exam #2's -- neither is a surprise, as the final is comprehensive, and longer.
Being honest, I think the final was on the easy side, thanks in large part
to the fill-in-the-blank and multiple-choice questions I used to help speed
up grading for a class of this size (which, hopefully, also made the grading
more consistent). Regardless, there are lots of `A' grades, which is great.

As promised, I reviewed the exams of students who were close to reaching the
next-higher letter grade. If you are just below a letter-grade
cutoff, rest assured that I did review your final. If there's a student
earning a grade of B, C, D, or E, there will be a student with the top B/C/D/E.
Being one of those students does not entitle you to the next-higher grade.
(If it did, after enough iterations, everyone would end up with an 'A'!)
I reviewed 18 such exams, about 13% of the total. Demanding that I review
or re-review your exam because you worked really hard, or you would lose
your 4.0 GPA if you get a 'B', or anything of the sort, won't convince me
to change your final exam score or your class grade.

When looking at the final exam scores, please note: The max score
possible was 110, not 100. That means an exam score of 88, say,
isn't as good as it looks at first glance. (88/110 is 80%, a low 'B'
rather than a high 'B'.)

Final detail: I will be uploading course grades to UAccess later today.
You get to see them a couple of hours before the University does.

I wish you all a good, if all-too-brief, semester break!

--lim

P.S. BTW, the SCS response rate ended up being 82.67%. Thanks in advance
for your anonymous feedback ... which I can't read yet! (Instructors don't
get to see the feedback until sometime -- days or weeks, it varies -- after
we submit class grades to the university. Given the proximity to the holidays,
I'm not expecting to see them until January.)

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  Class: CSc 345, Analysis of Discrete Structures (Fall,2024)
Section: 001

        NOTE: The "replace the lowest midterm with a
        percentage-equivalent copy of the final exam
        score" policy is in effect; these scores reflect
        this adjustment.

| | Final Exam Grade | Final | Course |
IDENTIFIER	(110 points)	Course Average	Grade
028957	109	98.69	A
116790	104	97.97	A
874329	108	97.76	A
744044	105	97.37	A
665884	105	97.05	A
851933	106	96.98	A
946572	105	96.50	A
696086	107	96.26	A

065421	107	96.17	A
280694	109	95.98	A
362750	104	95.73	A
429230	101	95.33	A
438995	103	95.20	A
474717	104	95.18	A
059685	101	94.95	A
637988	101	94.90	A
400234	100	94.28	A
707301	101	94.24	A
748129	97	94.24	A
079832	106	94.08	A
481652	102	94.03	A
658334	107	93.99	A
624799	102	93.25	A
775140	97	92.88	A
768794	100	92.25	A
159438	99	92.08	A
002496	99	91.71	A
906023	104	91.66	A
804315	107	91.64	A
863808	108	91.60	A
002602	92	90.94	A
515694	99	90.73	A
552831	97	90.71	A
809977	95	90.44	A
748296	98	90.44	A
700219	102	90.26	A
569496	92	90.03	A
664869	92	89.95	A
977726	94	89.78	A
900107	98	89.61	A
344413	90	89.50	A

110234	93	89.02	B
151266	95	89.00	B
359011	86	88.89	B
960698	91	88.80	B
324416	88	88.73	B
962552	96	88.58	B
949660	102	88.42	B
744206	97	88.36	B
216498	89	88.19	B
842889	89	88.03	B
919110	98	87.92	B
765190	95	87.54	B
461012	93	87.35	B
320547	97	86.90	B
247723	80	86.12	B
219572	89	85.89	B
956010	85	85.74	B
244353	89	85.71	B
473438	93	85.11	B
789048	88	84.94	B
993426	91	84.76	B
221747	95	84.76	B
343449	85	84.54	B
572742	89	84.53	B
463793	90	84.39	B
683878	80	84.29	B
299653	73	84.15	B
442270	80	83.72	B
232532	80	83.68	B
156882	85	83.67	B
177370	86	83.61	B

992013	80	82.82	B
181485	77	82.63	B
987230	83	82.36	B
157352	84	82.06	B
274849	78	81.69	B
696914	97	81.50	B
670994	80	81.04	B
009847	71	80.66	B
279437	86	80.66	B
352118	78	80.62	B
536688	86	80.59	B
946867	70	80.25	B
142294	75	80.19	B
307339	80	79.59	B
495742	79	79.58	B
040416	84	79.55	B

888068	90	79.22	C
704525	76	78.51	C
624664	72	78.45	C
092502	84	77.87	C
470549	64	77.80	C
578574	92	77.04	C
459896	92	76.89	C
105401	86	76.87	C
242150	72	76.69	C
188369	83	76.37	C
487671	96	75.92	C
664819	73	75.88	C
678887	71	75.75	C
585077	88	75.56	C
588106	75	75.32	C
130797	76	75.05	C
776483	72	74.94	C
915736	67	74.60	C
146693	84	74.50	C
700128	79	74.23	C
560269	86	73.73	C
984588	67	73.41	C
259643	66	73.25	C
335304	92	72.85	C
903108	54	72.77	C
684447	71	71.58	C
234239	77	71.11	C
080975	75	70.80	C
222610	66	69.88	C
909031	70	69.80	C

244270	54	69.34	D
148841	63	68.69	D
964208	77	67.83	D
122073	76	67.73	D
194376	65	67.52	D
686042	78	67.24	D
207620	47	67.08	D
370211	67	67.02	D
192688	67	66.99	D
172223	54	66.83	D
570519	61	66.82	D
830825	60	66.37	D
708944	57	66.01	D
347867	55	65.95	D
853445	62	64.97	D
854815	59	64.96	D
664044	51	61.29	D

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     475331                 54                 60.19              D
─────────────────────────────────────────────────────────────
     282781                 50                 57.61              E
     652318                 65                 56.44              E
     232483                 96                 54.34              E
     528293                 55                 54.19              E
     822444                 47                 50.57              E
     613900                  0                 41.22              E
     699841                  0                 39.70              E
     526718                  0                 31.68              E
     951682                  0                 29.75              E
     938534                  0                 29.52              E
     804469                  0                 23.01              E
     356071                  0                 18.14              E
     593084                  0                 15.83              E
     623725                  0                 15.25              E
─────────────────────────────────────────────────────────────
    Class Averages:      84.74(77.03%)  78.43
   Class Std. Devs.:     15.81          16.88
```

  Course: CSc 345, Analysis of Discrete Structures   Exam: FINAL
 Section: 001   Date: 12/18
Semester: Fall,2024   Weight: 16%

```
10 |
 9 |
 8 |
 7 |                                  #
 6 |            #       #       #      #
 5 |            #       #   #   #      #
 4 |   #   # ##     # #   #   #   # #   #               #               #
 3 |   # ## ## ##### ## ### ###    # #### ##    #               #
 2 |###### ######## ###### ####    ###### ####    ###           ##        #
 1 |#################### #### #### ###### #### ######### # ##  ##  #
   +---+----+----+----+----+----+----+----+----+----+----+----+----+---
    1   1    1
    0   0    0   9   9   8   8   7   7   6   6   5   5   4
    9   5    0   5   0   5   0   5   0   5   0   5   0   7
```
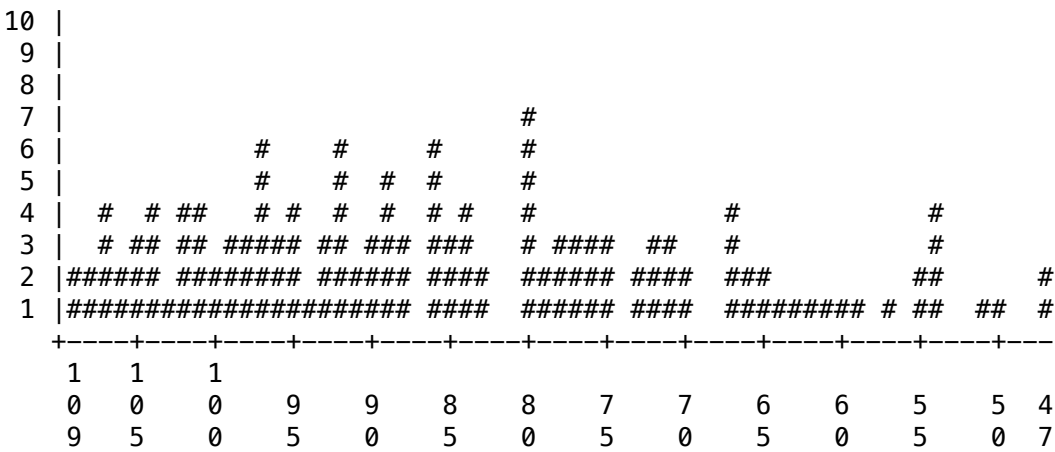
High Score: 109 (of 110)   Class Average: 84.74 (77.03%)
 Low Score: 47   Std. Deviation: 15.81

   Grade   Range   #Students
   ─────   ─────────────   ─────────
     A   110.0 – 98.4   31
     B   98.3 – 87.4   39
     C   87.3 – 76.4   30
     D   76.3 – 65.4   22
     E   65.3 –   0.1   19 (not including the 9 scores of 0)