There were three versions of the midterm, identified by the comic on the front:

- [Code](#)
- [Raptor](#)
- [Turtle](#)

There were a few non-obvious issues that affected grading (it only served to increase scores)

- In question 12-14, depending on if you believe the book or the version of ARM running on the Pis, you will get different answers for what `tst` means on three arguments. The exam was designed relative to the book's definition (and the table in the back of the exam). I gave credit for *not* choosing tst when I had intended it as an answer as a result of this discrepancy.
- Question 15 was an (accidental) trick question. The intended answer was the one with the constant 0xFFFFFFFF and the eor operation, which was accepted as correct (and most students answered this way). However, since 0xFFFFFFFF cannot fit in the machine encoding of mov, I also accepted F as an answer.
- Question 17 was actually a much better question if it asked for the value in **r1** rather than in **r0**. Most students answered the question correctly as written. However, since the TAs read the question as **r1** and I did, I gave 2 out of 5 points for the letter corresponding to 16, which was the value in r1, and the answer the question I probably should have asked.

The mean was around 61.5/70 (roughly 88%) and the median was 63. Without the changes above the overall mean is around a point lower. Here is a summary histogram of scores (no one got above a 70; the rightmost bar includes the 70-scoring exams).