PROBLEM OF THE WEEK 8
Due Wednesday, October 31 at 5:00 pm

Question. Prove that there are infinitely many composite numbers in the sequence

$$1, 31, 331, 3331, 33331, \cdots$$

(A composite number is a number that is greater than 1 and is not a prime.)

- All answers should be clearly explained. Submit it to the Math/Stat Office, AMB 107.

- If your instructor gives you credit for POTW, write his/her name with the class number.

- Contact Bahattin Yildiz with questions: bahattin.yildiz@nau.edu (AMB 134)

- The problems are available online at https://naumathstat.github.io/problem-of-the-week/