

CSE 2321 - Foundations I - Spring, 2024 - Dr. Estill  
Homework 9 - Due: Friday, April 5

Determine whether each of the following integer sequences are graphic or not. For any that are graphic, give a graph that realizes it (use Havel-Hakimi). If you've determined that a sequence isn't graphic, state how you know.

*(20 points each)*

- 1.)  $(6, 5, 2, 2, 2, 1, 1)$
- 2.)  $(5, 3, 3, 5, 3, 2, 2, 1)$
- 3.)  $(8, 8, 7, 4, 4, 2, 2, 2, 2, 1)$
- 4.)  $(4, 4, 3, 3, 3, 3, 3, 3, 2, 2)$
- 5.)  $(2023, 3, 3, 3, 3)$