1. (Lecture 38) The above Markov chain represents the states in a student’s life every year.
   A) How many accessible states are there from state 2?
   B) How many accessible states are there from state 7?
   A) How many recurrent states are there?
   B) How many transient states are there?
   C) How many recurrent classes are there?

2. (Lecture 39) From the above Markov chain:
   Given that the student is in the Unemployment/Fast Food Job class, what is the probability that in any year the student is working at the Fast Food Job?

3. (Lecture 40) From the above Markov chain:
   Given that a student is in state “slacking off”, what is the probability that the student ends up in the class which contains an Engineering Job?