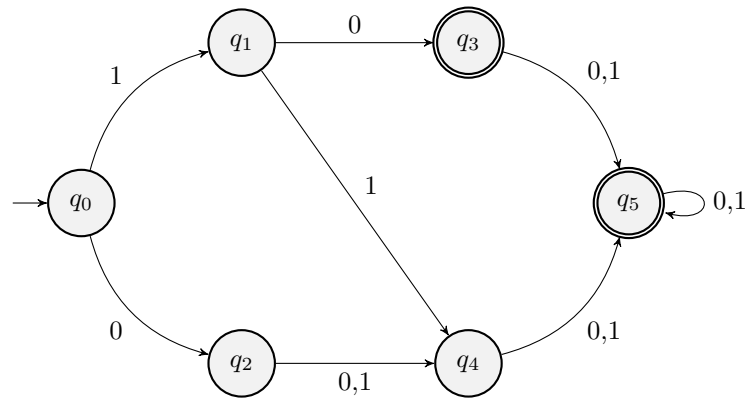NAME (PRINT): _____

STUDENT NUMBER (PRINT): _____

University of Toronto Mississauga
FALL 2024 MOCK FINAL EXAMINATION
Introduction to Theory Computation
Macho Man (m^2)
Duration - ~~3 hours~~ 10 minutes
Aids : お前のお母さん

Q1. (4 points)

a) (1 point) Describe the language accepted by the following DFA.

b) (3 points) Convert this DFA into a minimal NFA (i.e., there is no smaller NFA that accepts this language). Give a brief justification.