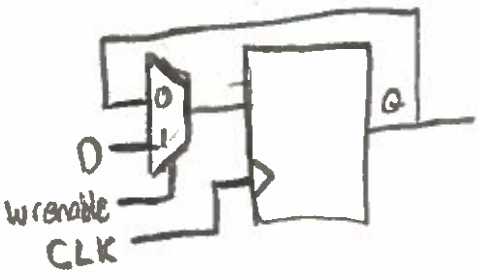
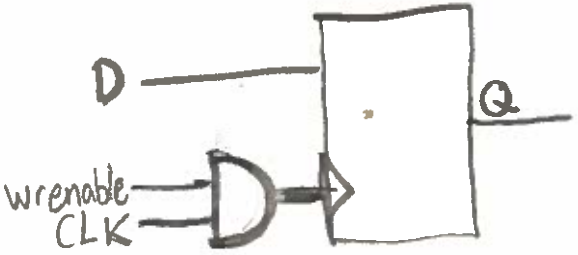
Implementation 1



Implementation 2