#1 Section 8.2.7, page 328, #1 b, c.

#2. Section 8.2.7, page 328, #2c. Show computations with 1001 and 101

#3. Construct a Turing Machine to compute pred(n) where pred(0) = 0 and pred (n) = n-1 otherwise. See slides for explanation.

#4. Show even(n) is computable where even(0) = 1 if n is even and = 0 otherwise.