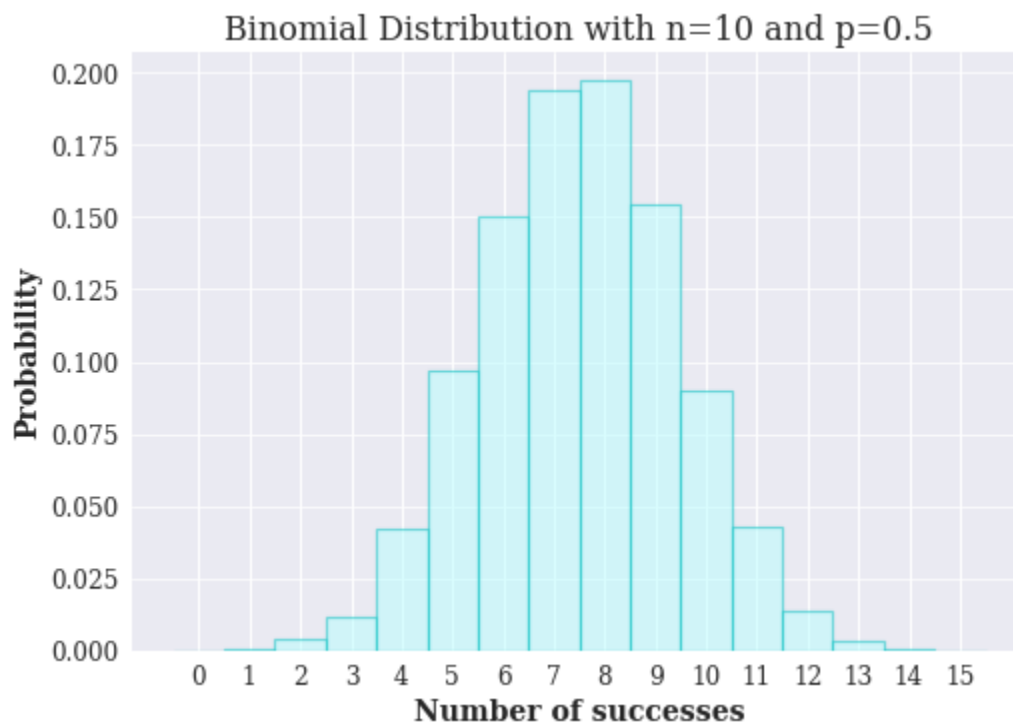
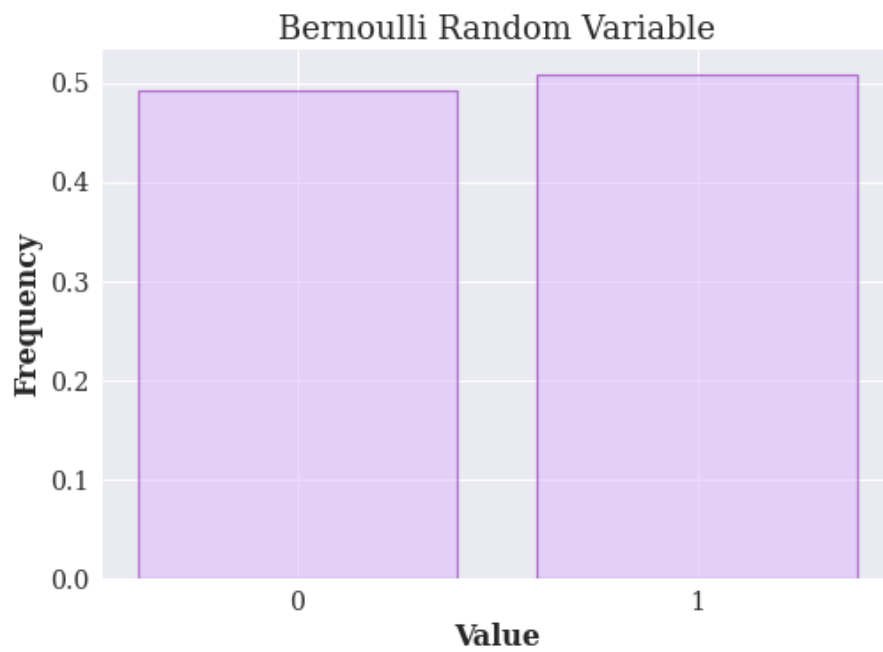
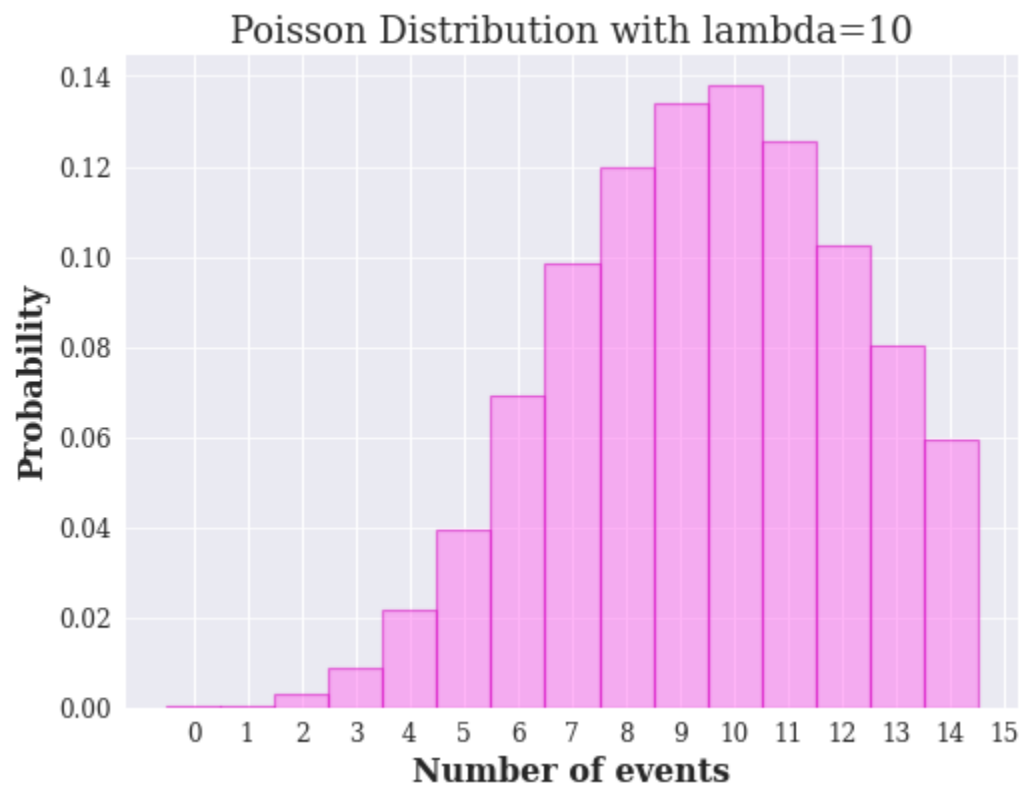
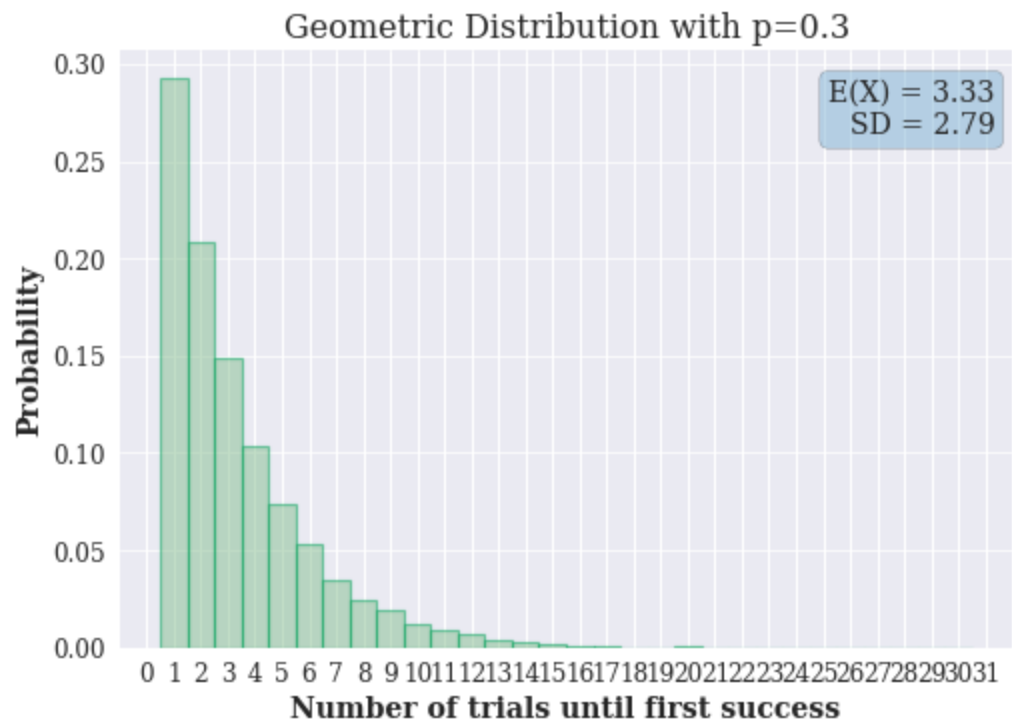


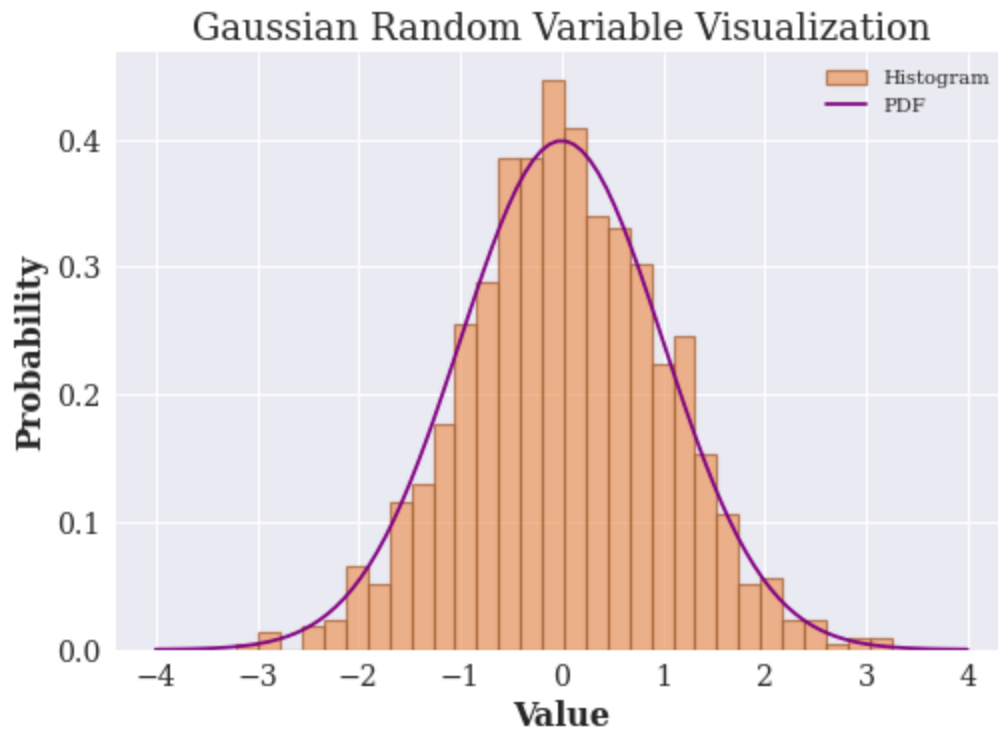
Question one:

Part A:

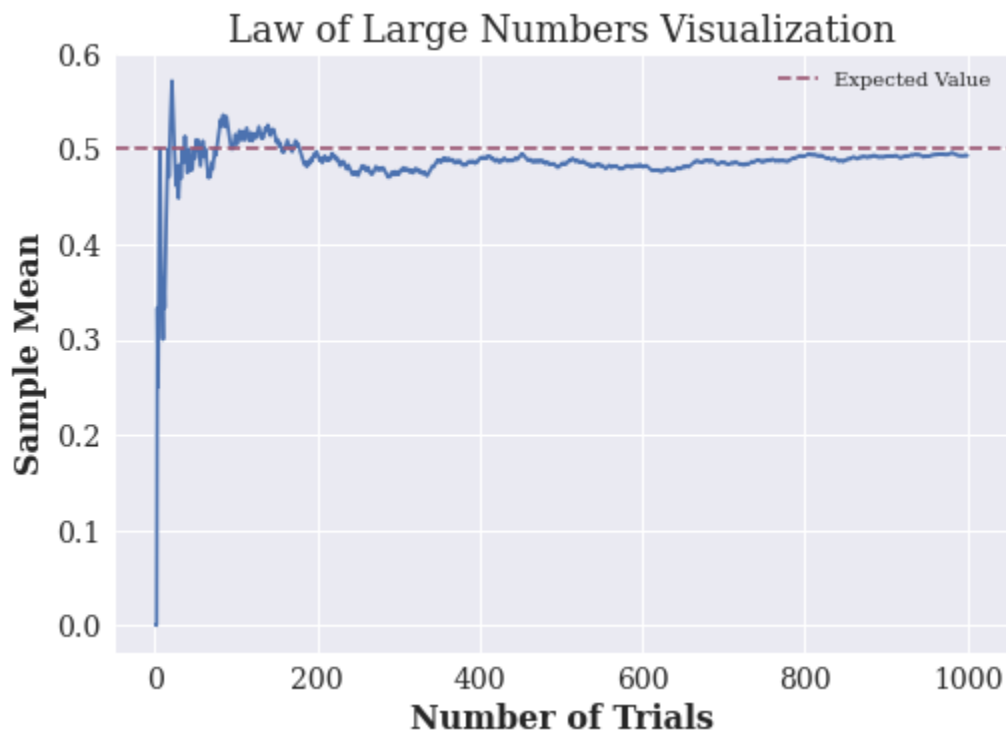




Part B:



Question Two:



Question 3:

Central Limit Theorem

