**Name:** Soham Bhoir

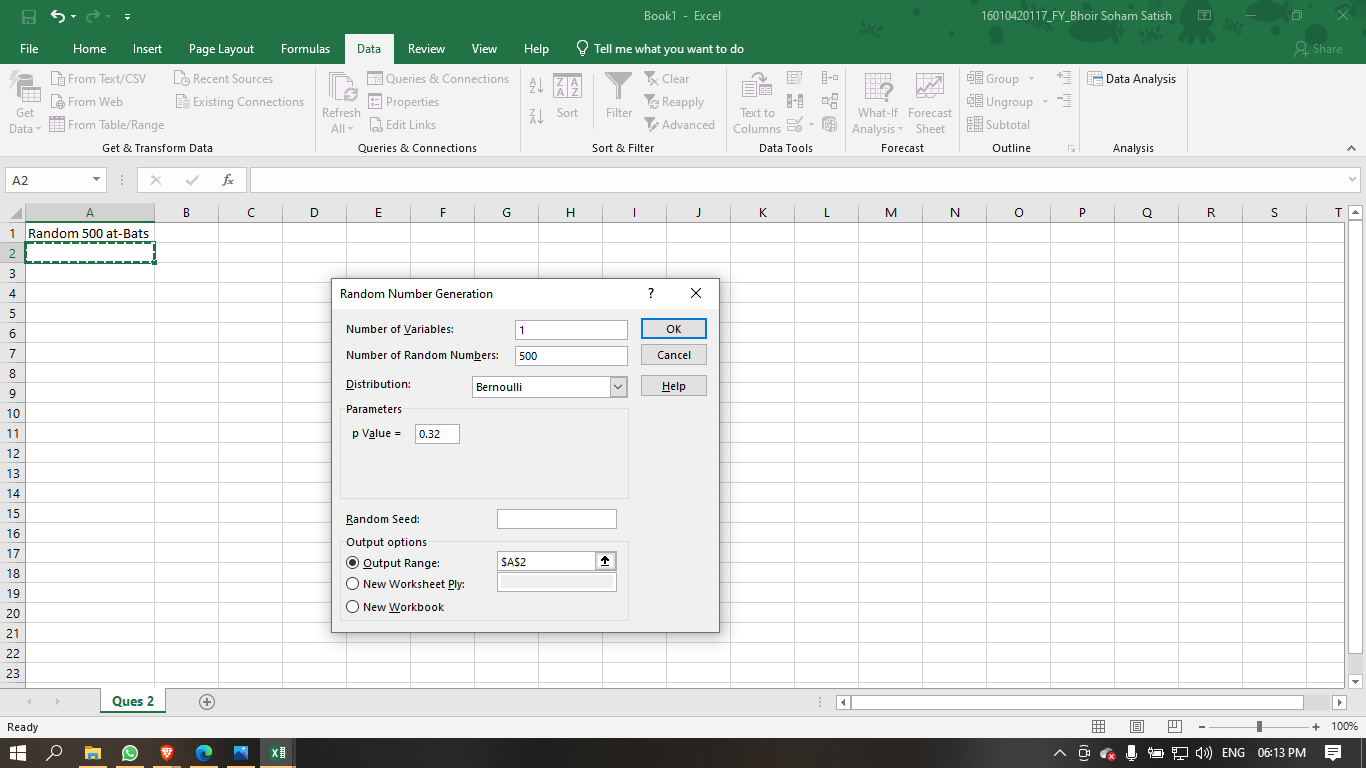
**Batch:** A4

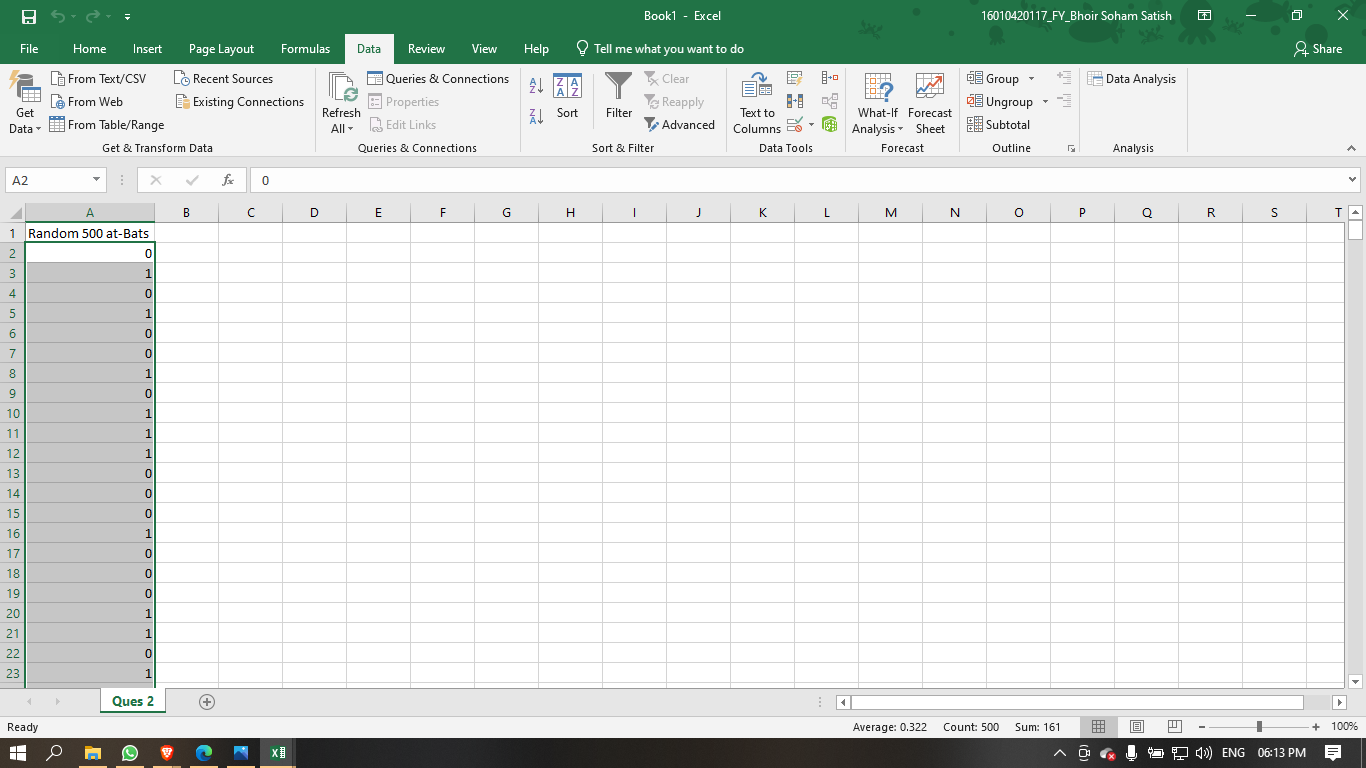
**Roll No.:** 16010420117

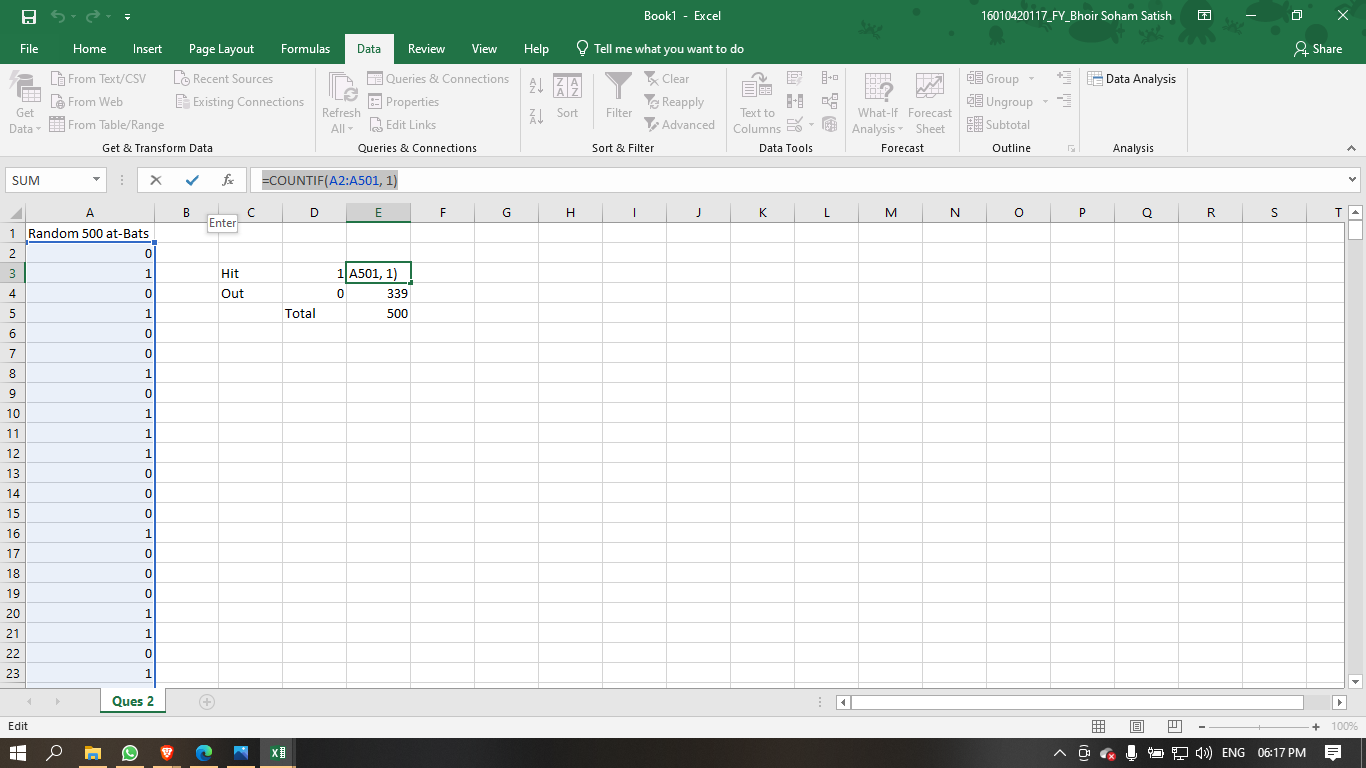
**Subject:** Modeling and Simulation IA1

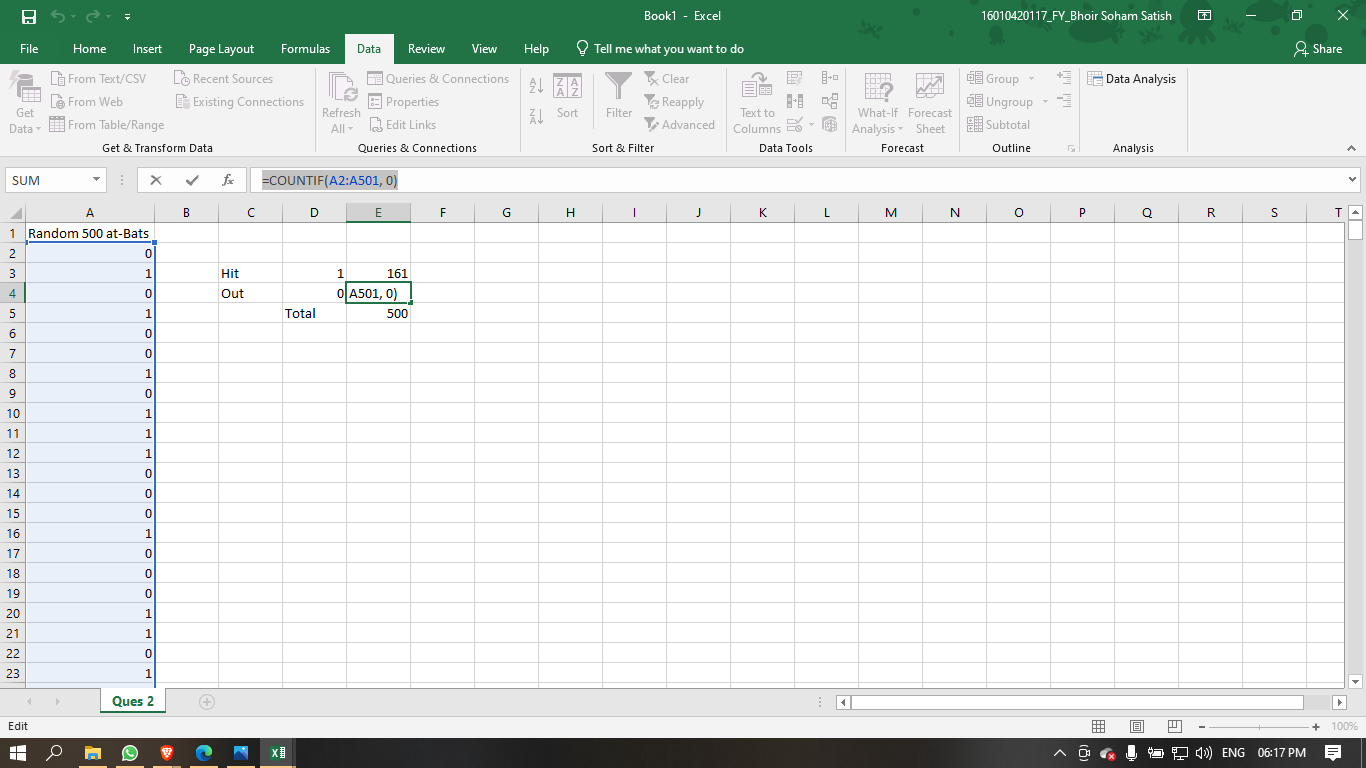
**b) To simulate 500 at-bats for a baseball player with a 0.320 batting average. A result of 1 means a hit, 0 means an out.**

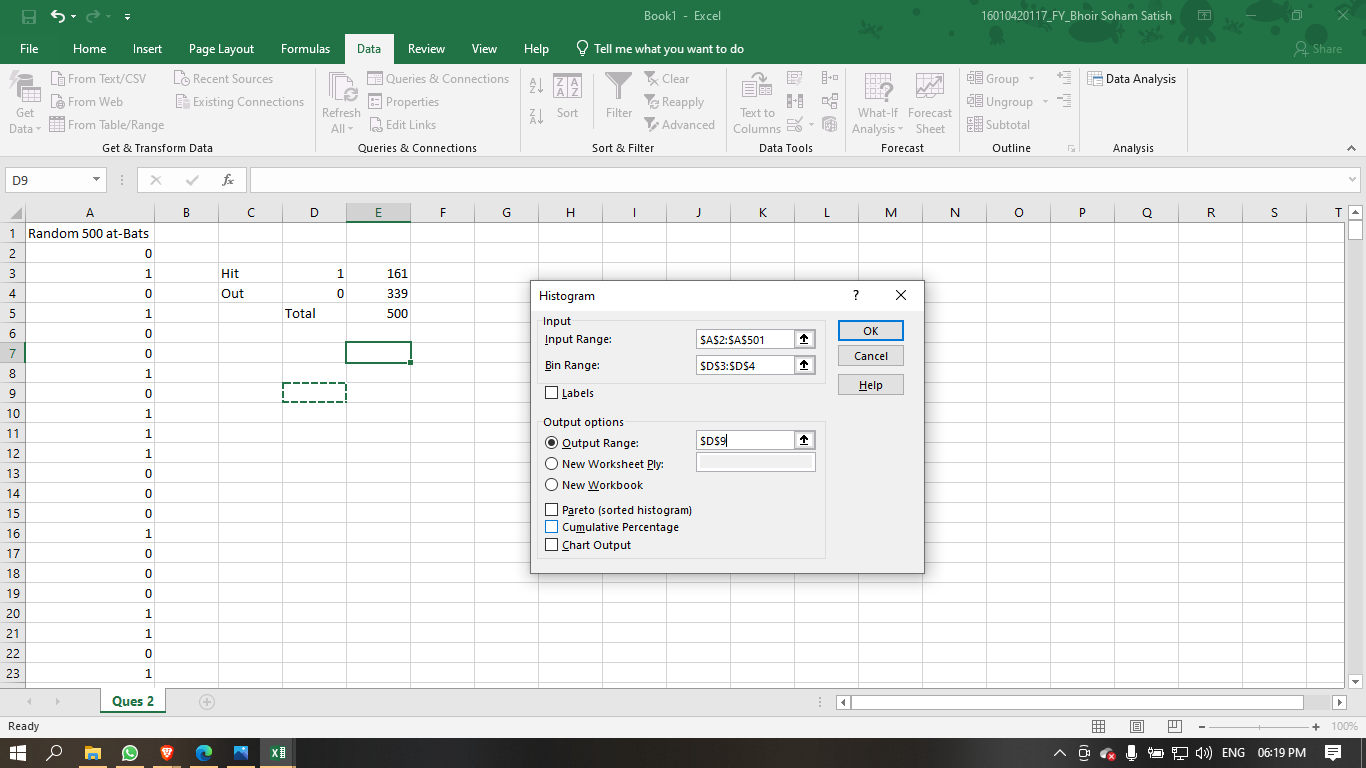
**Steps:**

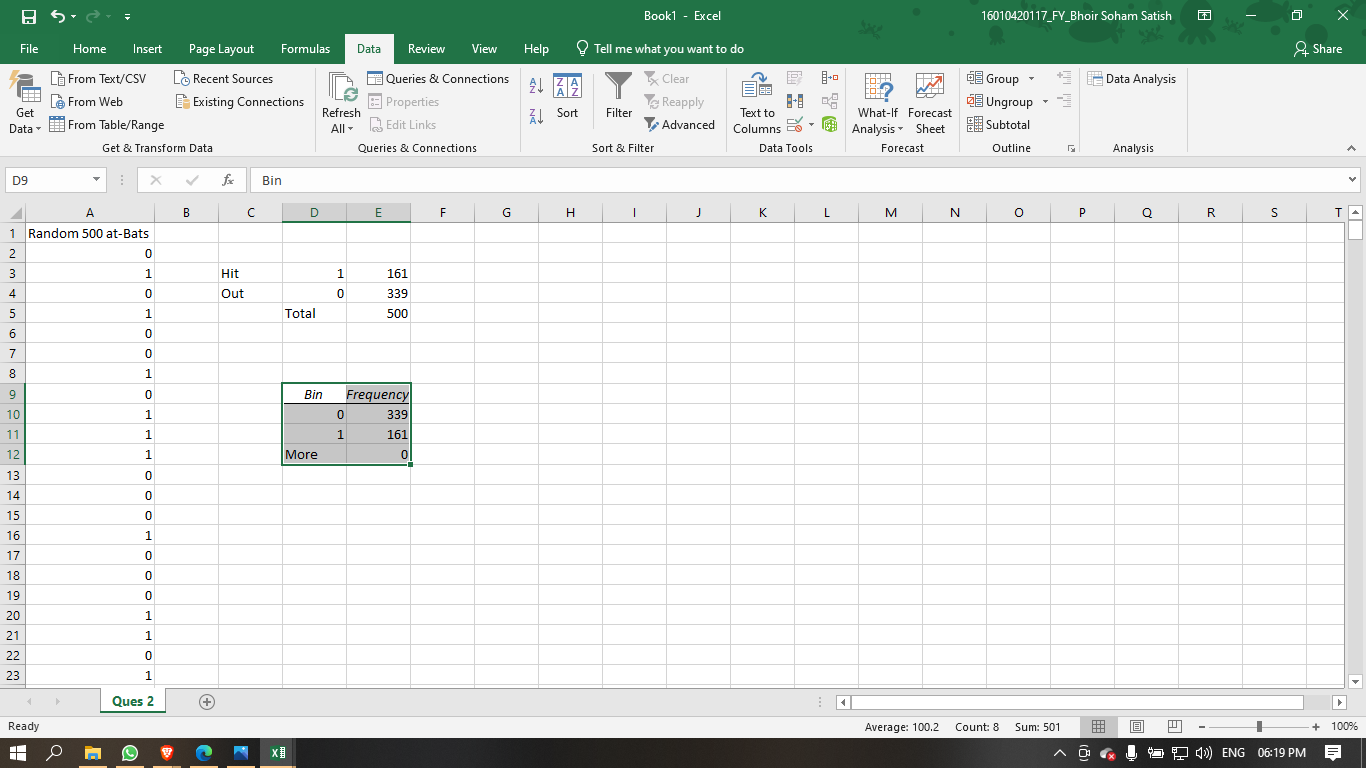




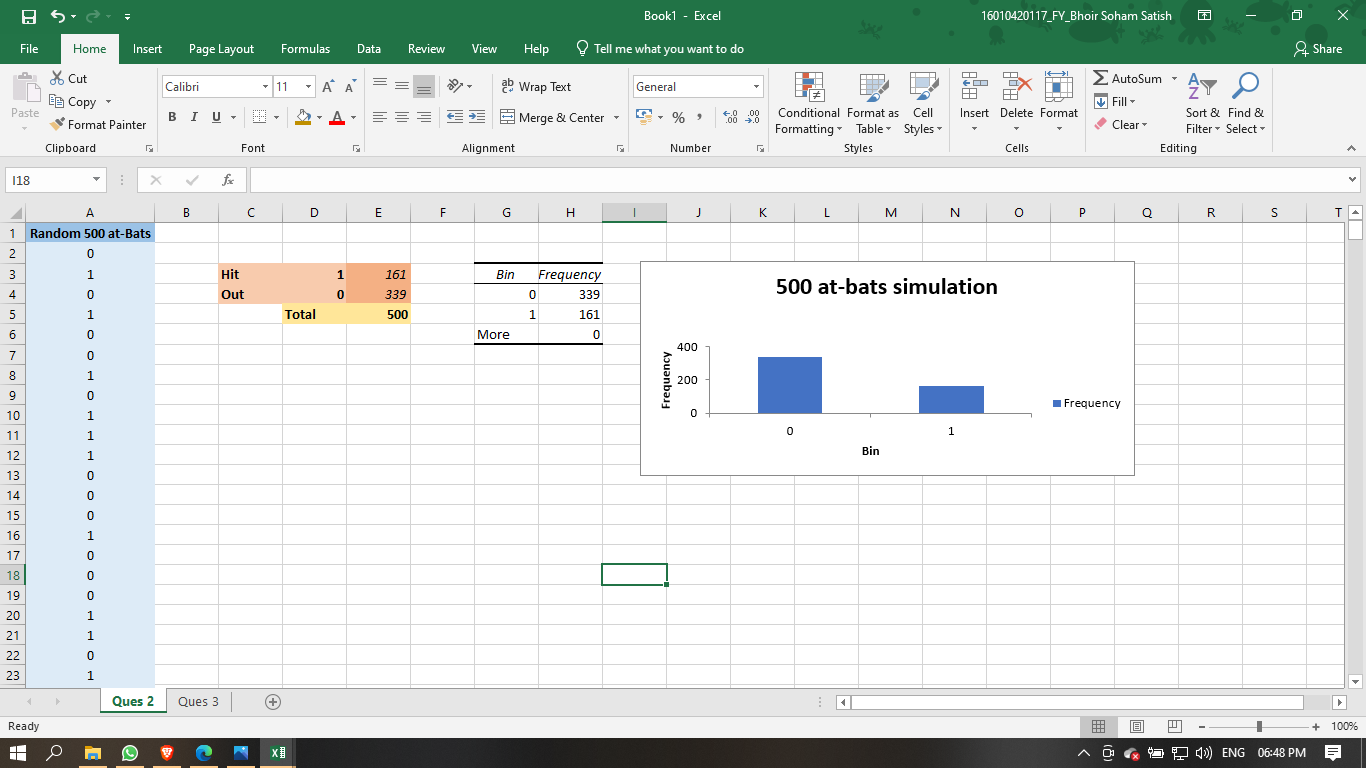






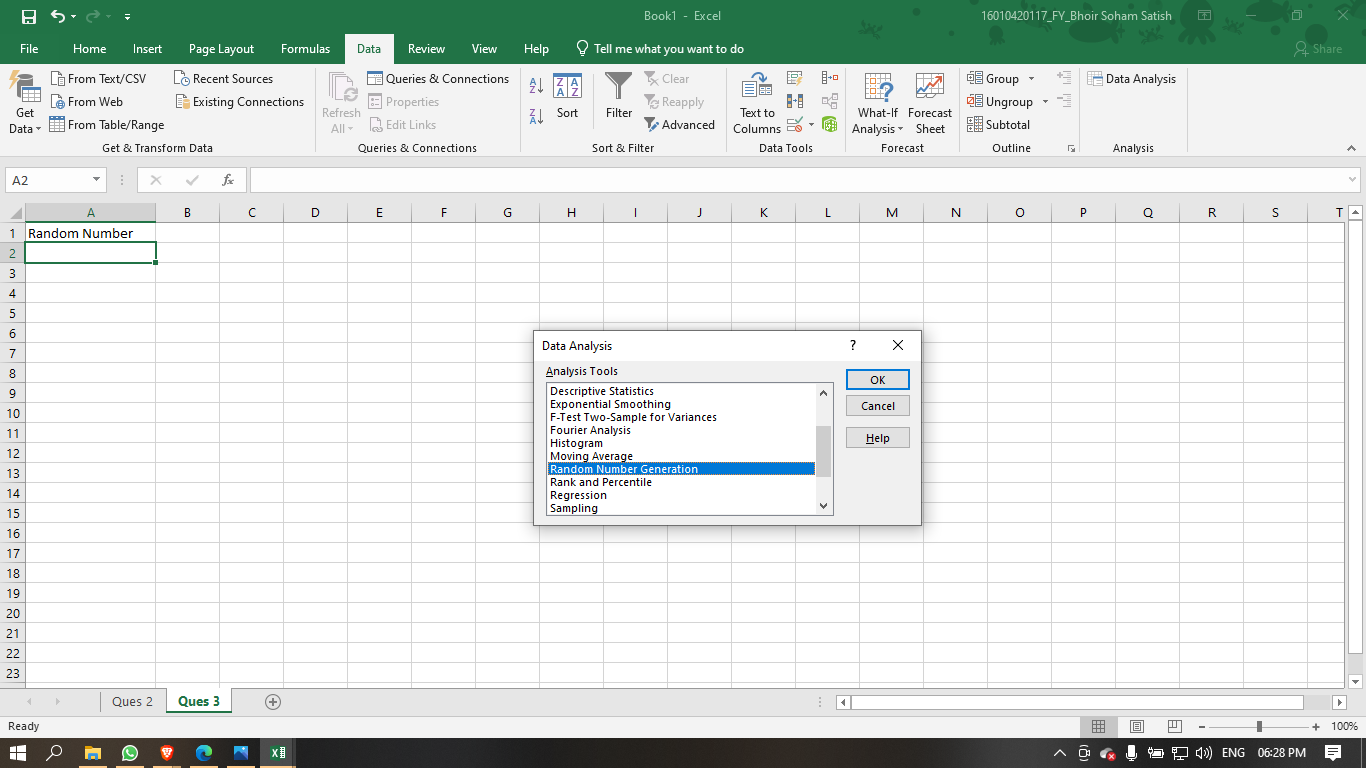


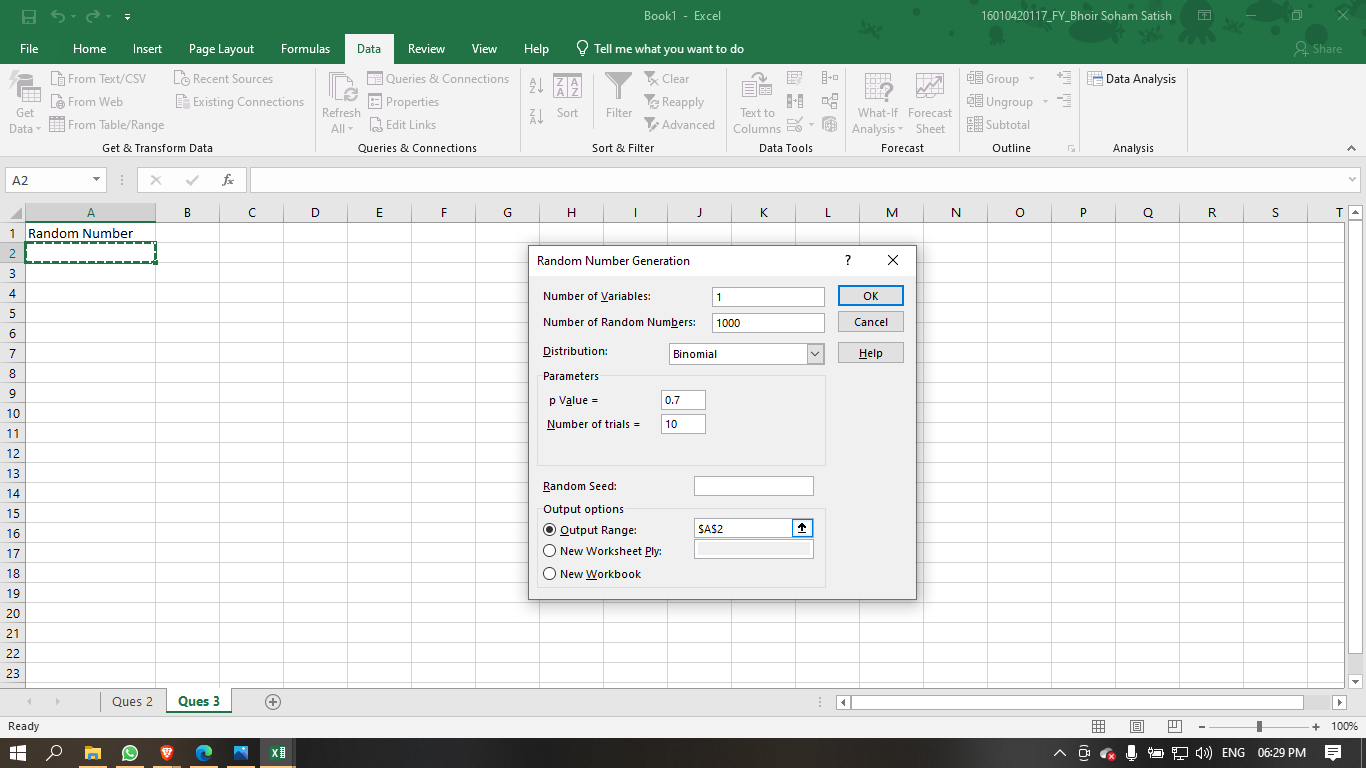
**Final Output:**

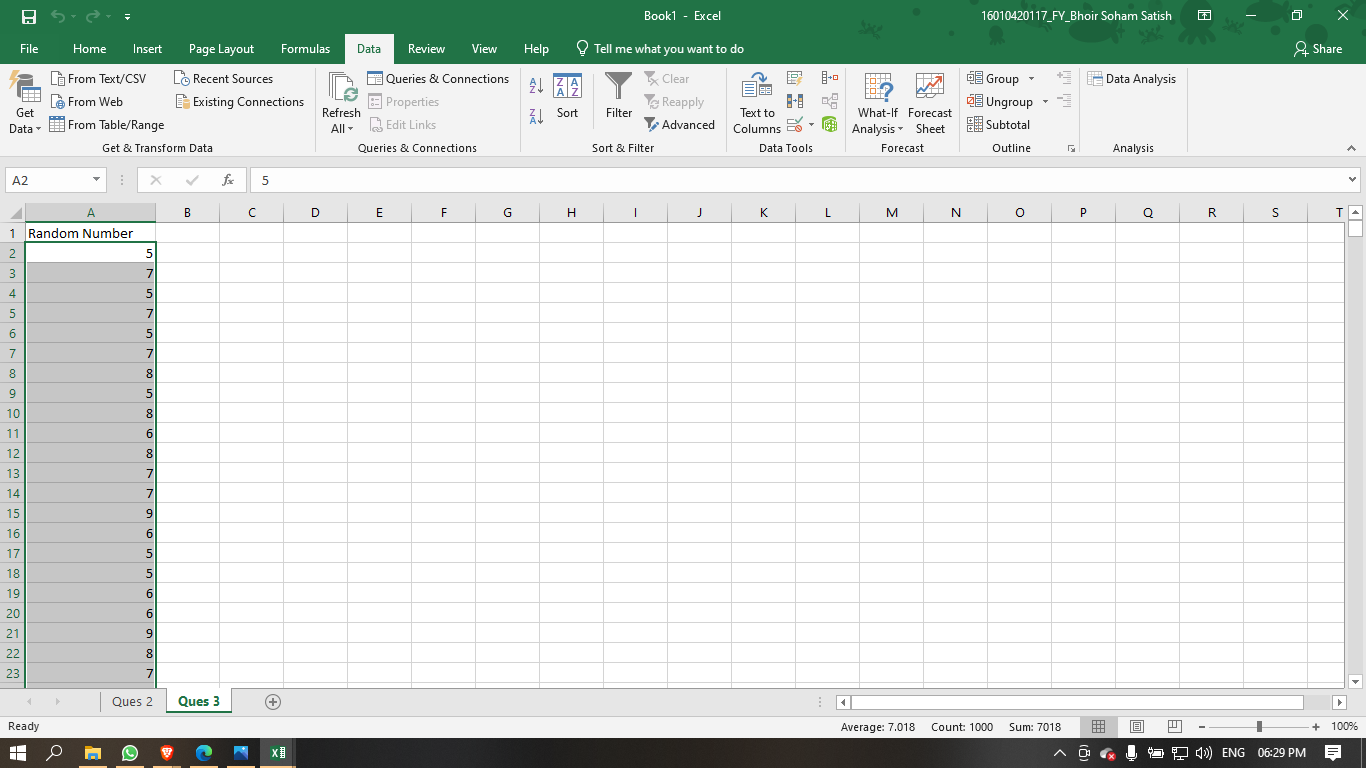


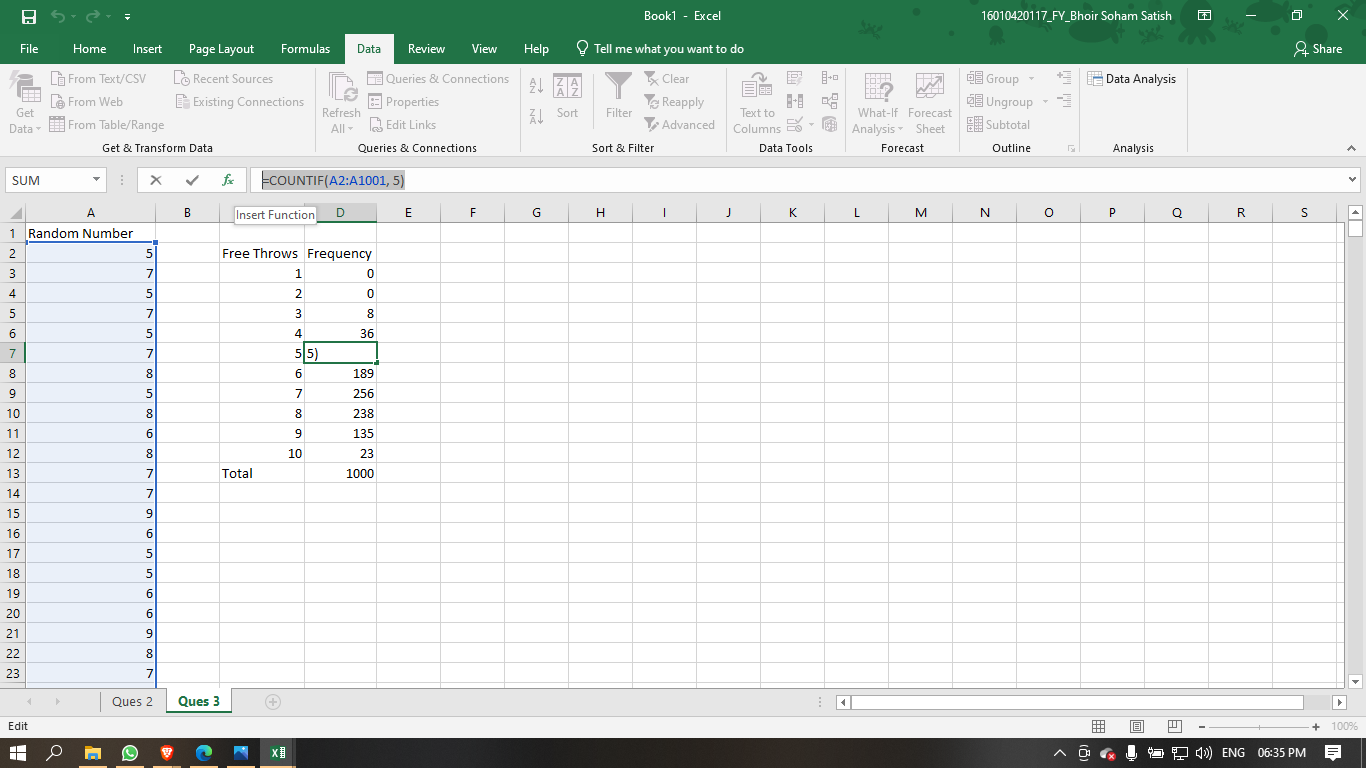
**d) To simulate rolling two six-sided dice and recording the sum 250 times.**

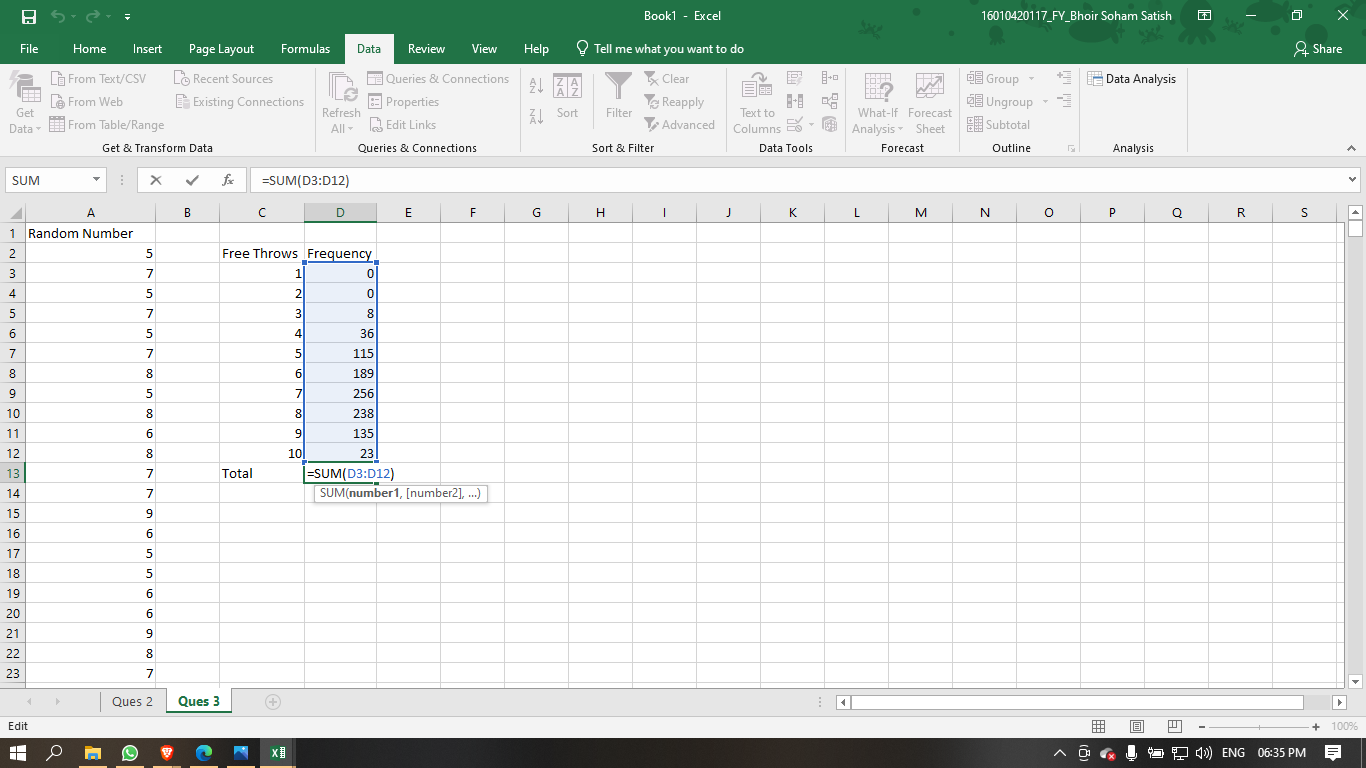
**Steps:**

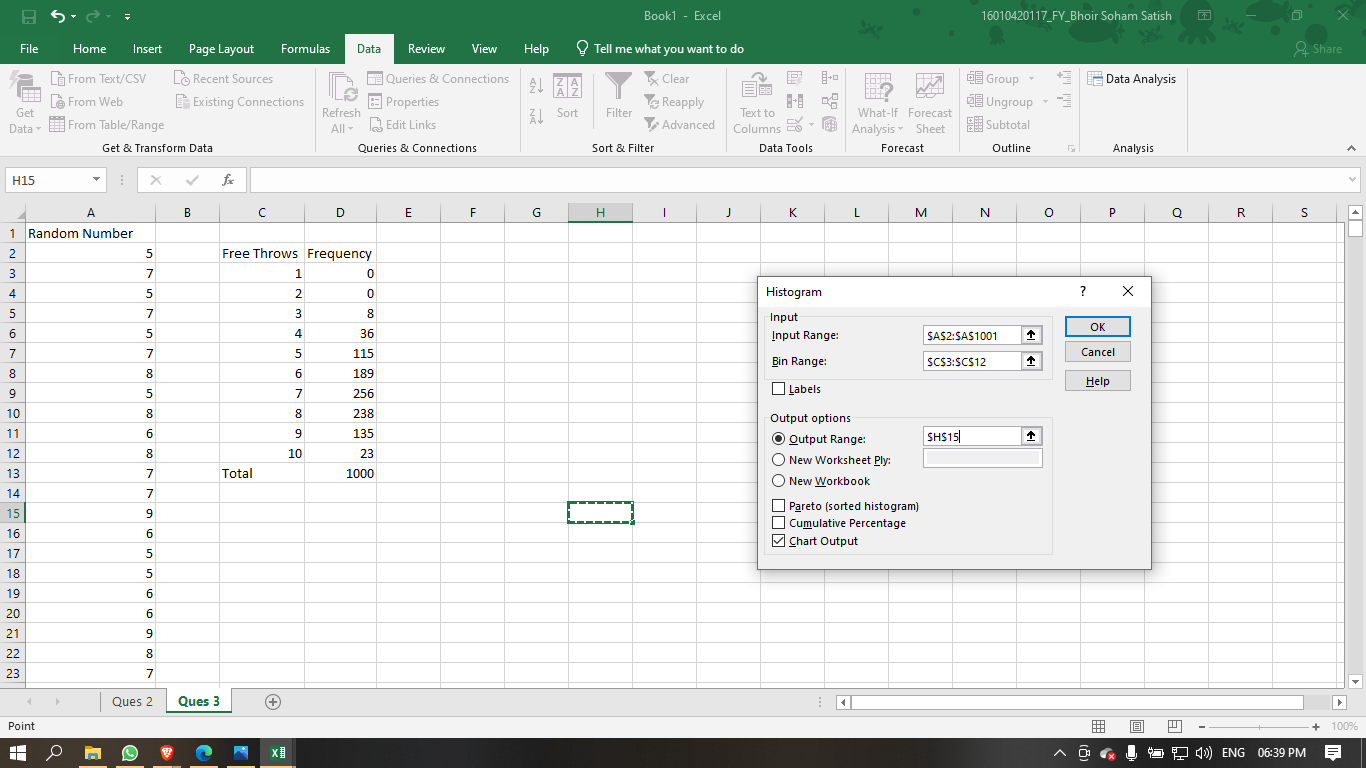












**Final Output:**

