edX

Problem (5-6)

Problem 5

0.0/1.0 point (graded)

Using the code example shown in the video, perform a numerical examination to check the equivalence of the binomial distribution and the Gaussian distribution for the case of $p = 0.5$ and $M = 1000$. Which of the following graphs (G11 - G16) is the closest to your results?
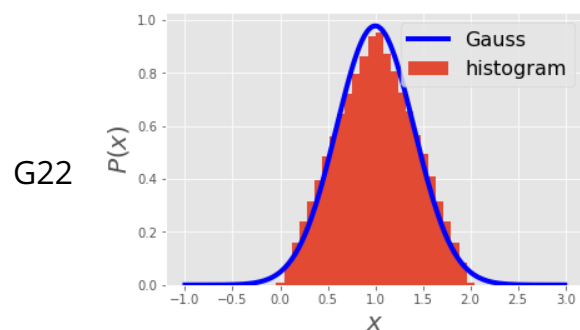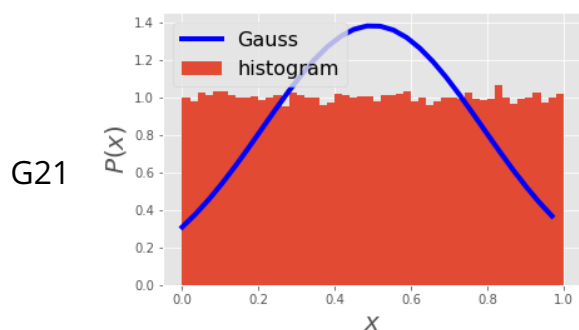
G11

G12

G13

G14

G15

G16

⭕ G11

⭕ G12

⭕ G13

⭕ G14

⭕ G15

⭕ G16
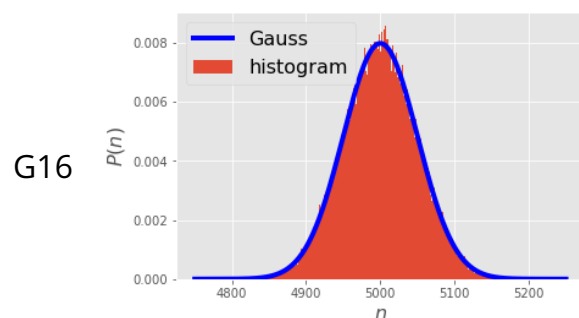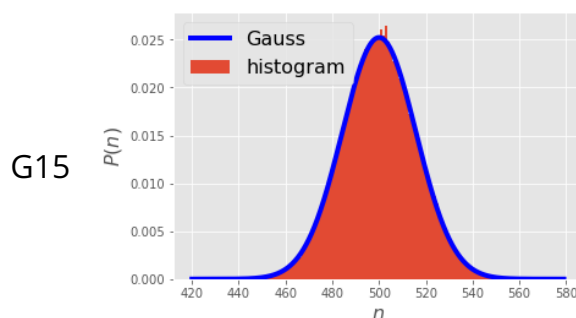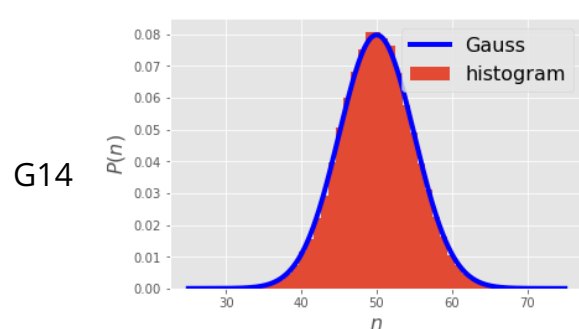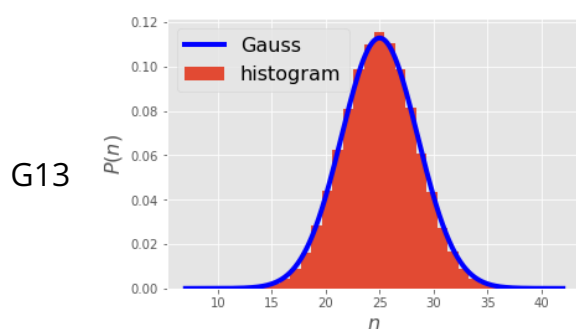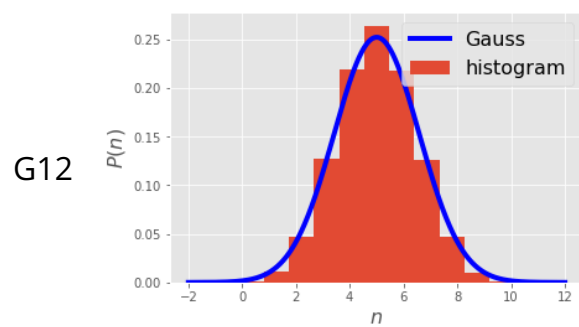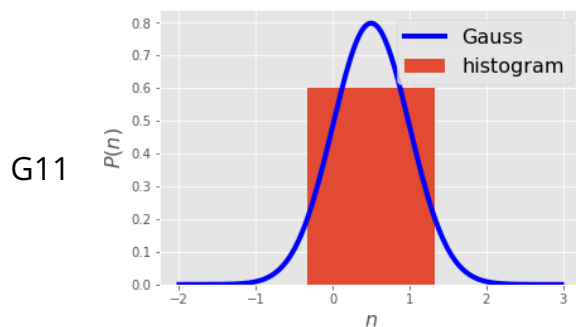
Submit   You have used 0 of 2 attempts
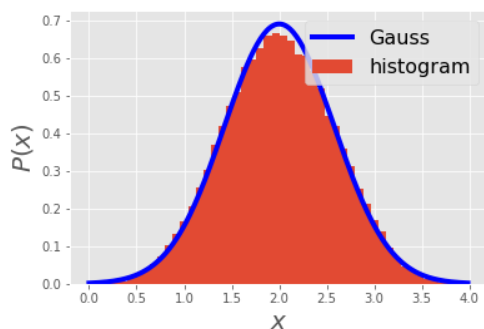
Problem 6

0.0/1.0 point (graded)

Using the code example shown in the video, perform a numerical examination to check the equivalence of the sum of M uniform random numbers with the normal distribution. Choose the correct graph for the case of $M = 4$ from the following graphs (G21 - G26).
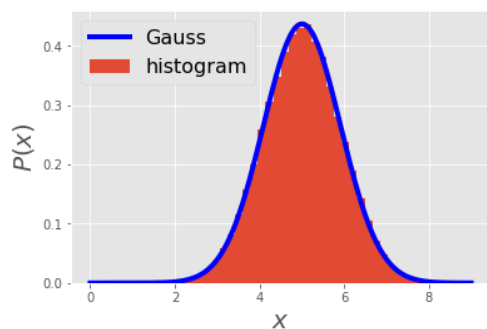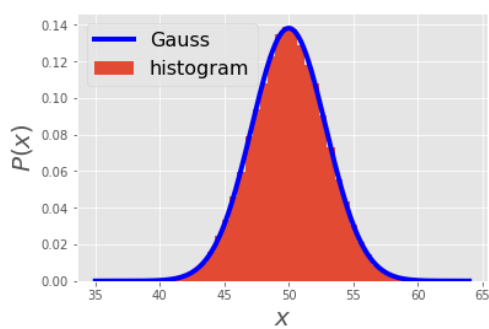
G21

G22

G23

G24

G25

G26

○ G21

○ G22

○ G23

○ G24

○ G25

○ G26

Submit   You have used 0 of 2 attempts