STAT 416/417

Project 1

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Complete the following tables with the results of your simulations and turn this page in with a copy of your R code.

GAME 1					$P(Win) =$
#of Plays n=	# Losses	# Wins	Cumulative # of plays	Cumulative # of Wins	Relative Frequency of Wins
100	80	20	100	20	0.2
200	162	38	300	58	01933
400	326	74	700	132	0.188
500	407	93	1200	225	.1875
800	674	126	2000	351	.1755
1000	846	154	3000	505	0.1677

GAME 2					$P(Win) =$
#of Plays n=	# Losses	# Wins	Cumulative # of plays	Cumulative # of Wins	Relative Frequency of Wins
100	42	58	100	58	0.58
200	96	104	300	162	.54
400	200	200	700	362	.61
500	268	232	1200	594	.495
800	389	411	2000	1005	.5025
1000	495	505	3000	1510	.503

GAME 3					$P(Win) =$
#of Plays n=	# Losses	# Wins	Cumulative # of plays	Cumulative # of Wins	Relative Frequency of Wins
100	51	49	100	49	0.49
200	103	97	300	146	.486
400	203	197	700	343	.49
500	274	226	1200	569	.47
800	445	355	2000	924	.462
1000	518	482	3000	1406	.468