1. Experiment:1

- (a) Perform the following Experiment two times: Using the (Play Button) online Coin at: http://www.randomservices.org/random/apps/BinomialCoin.html Toss a fair coin 5 times and note down the outcome of each toss.
- (b) Fill in the following table accordingly (in your own handwriting)

Trial	Outcome of	Y:No. of				
	toss 1	toss 2	toss 3	toss 4	toss 5	Heads
1						
2						

(c) Enter the data in the sheet on Experiment 1 in Google Drive link

2. Experiment:2

- (a) Perform the following Experiment two times: Using the (Play button) online Dice at: http://www.randomservices.org/random/apps/Dice.html
 Roll a fair die 5 times and note down the outcome of each roll.
- (b) Fill in the following Table accordingly (in your own handwriting)

				-		
Trial	Outcome of	Y: Sum of				
	roll 1	roll 2	roll 3	roll 4	roll 5	rolls
1						
2						

(c) Enter the data in the sheet on Experiment 2 in Google Drive Link

3. Experiment: 3

- (a) Perform the following Experiment two times: Using the (Play button) online Dice at: http://www.randomservices.org/random/apps/DieCoin.html Roll a fair die once and Toss a fair coin as many times as the outcome on the roll. Note down the outcome of both the die and the roll.
- (b) Fill in the following Table accordingly (in your own handwriting)

Trial	Outcome of	Y: No. of					
	roll	toss	toss	toss	toss	toss	Heads
1							
2							

(c) Enter the data in the sheet on Experiment 3 in Google Drive Link

4. Experiment: 3

(a) **Perform the following Experiment two times:** Using the (Play button) online Dice at: http://www.randomservices.org/random/apps/CoinDie.html

Toss a fair coin: if head roll a 1 - 6 flat die (i.e 1, 6 have probability $\frac{1}{4}$ and 2, 3, 4, 5 have probability $\frac{1}{8}$); and if tail roll a 3 - 4 flat die (i.e 3, 4 have probability $\frac{1}{4}$ and 1, 2, 5, 6 have probability $\frac{1}{8}$).

(b) Fill in the following Table accordingly (in your own handwriting)

[Trial	Outcome of	Outcome of	Y:Outcome of
		toss	roll 1	roll 1
	1			
	2			

(c) Enter the data in the sheet on Experiment 4 in Google Drive Link