SAS Data sets for Q1 to Q4: WORK.Store

Q1-Q3. Using the 'PROC Tabulate' to create the following cross tabular reports:

Outcome for Q1

Item Type			amount
Clothes	Food	toy	
tran_num	tran_num	tran_num	Tot amount
6	5	6	$539

Outcome for Q2

	amount				
	Mean	Std	Max	Min	N
type					
Clothes	$35	$23	$79	$18	6
Food	$37	$23	$67	$10	5
toy	$29	$10	$45	$20	5
All Items	$34	$19	$79	$10	16

Outcome for Q3

			type			All Items
			Clothes	Food	toy	
amount	Mean	store_id				
		1	$213	$120	$220	$200
		2	$494	$262	$380	$402
		3	$390	$503	$228	$425
	count	store_id				
		1	3	1	2	6
		2	2	1	2	5
		3	1	3	1	5

Outcome for Q4

	amount						% of tran_count	
	Median			tran_count				
	store_id			store_id				
	1	2	3	1	2	3		% of tran_amount
Item Type								
Clothes	$220	$494	$390	3	2	1	35	38
Food	$120	$262	$521	1	1	3	29	35
toy	$220	$380	$228	2	2	1	35	27
All Items	$210	$310	$390	6	5	5	100	100

SAS Data sets for Q5 to Q6: WORK.Coffee_data

Q5-Q6. Using the 'PROC Tabulate' to create the following cross tabular reports:

Outcome for Q5

Relationship among Gender, Smoker and Coffee		Cups_Per_Week			
		Mean	Median	Max	NMiss
Gender	Smoker				
F	no	2	1	13	16
	yes	2	1	18	3
M	no	3	1	29	12
	yes	3	1	33	6

Relationship among age, Own_Home and Income		Income					
		Average	Median	Max	Min	Non Missing #	Missing #
Own_Home	Employment						
	fulltime	$78,600	$84,000	$107,000	$45,000	5	1
	parttime	$38,000	$42,000	$52,000	$22,000	5	2
	student	$3,500	$3,500	$4,000	$3,000	2	0
	unemployment	$13,000	$12,000	$21,000	$6,000	3	0
no	fulltime	$59,100	$52,000	$108,000	$30,000	60	19
	parttime	$32,292	$26,500	$59,000	$14,000	24	13
	student	$4,300	$4,000	$6,000	$3,000	10	6
	unemployment	$14,000	$15,000	$21,000	$6,000	18	8
yes	fulltime	$73,970	$74,000	$118,000	$40,000	33	8
	parttime	$43,500	$47,000	$52,000	$28,000	4	1
	student	$5,000	$5,000	$5,000	$5,000	1	0
	unemployment	$16,111	$11,000	$44,000	$9,000	9	2
Total		$46,034	$45,000	$118,000	$3,000	174	60

SAS Data sets for Q7: WORK.Transaction_1

Q7. Using the 'PROC Tabulate' to create the following cross tabular report:

Transaction Statistics	Amount		
	Type		
	Clothes	Food	Other
	Mean	Mean	Mean
Month			
Feb	$69.00	$90.00	$116.00
Jan	$90.00	$62.00	$116.50
Mar	$113.00	N/A	$171.00
Online			
NO	$97.67	$72.33	$133.75
YES	$83.67	$87.00	$101.00