

PROGRAMMING TECHNIQUE ASSIGNMENT 1

(SECJ1013-05)

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Matric No. A20EC0147

QUESTION 1

Count1	Count2	Total	Count2<5	Count1<3	Output
1	0	0	T	-	-
1	1	1	T	-	-
1	2	3	T	-	-
1	3	6	T	-	-
1	4	10	T	-	-
2	5	10	F	T	-
3	5	10	F	F	10 3 5

*T stand for true, f stand for false

QUESTION 2

m	n	Output
12	5	17
15	10	25
5	17	0
8	8	8
20	15	60

QUESTION 3

Question	Instruction
i	years>0
ii	Y<=years
iii	AVG=totalRF/TM
iv	M<=month
v	Y++
vi	rainfall<0
vii	totalRF=rainfall+totalRF

QUESTION 4

No	vehicleID	vehicleYear	vehicleType	vehiclePrice(RM)	discount	discountedPrice
1	V0001	2015	Superbike	18000.00	0.03	17460.00
2	V0002	2012	Car	55000.00	0.05	52250.00
3	V0003	2014	Car	43000.00	0.05	40850.00
4	V0004	2014	Superbike	21000.00	0.04	20160.00
5	V0005	2016	Car	63000.00	0.04	60480.00

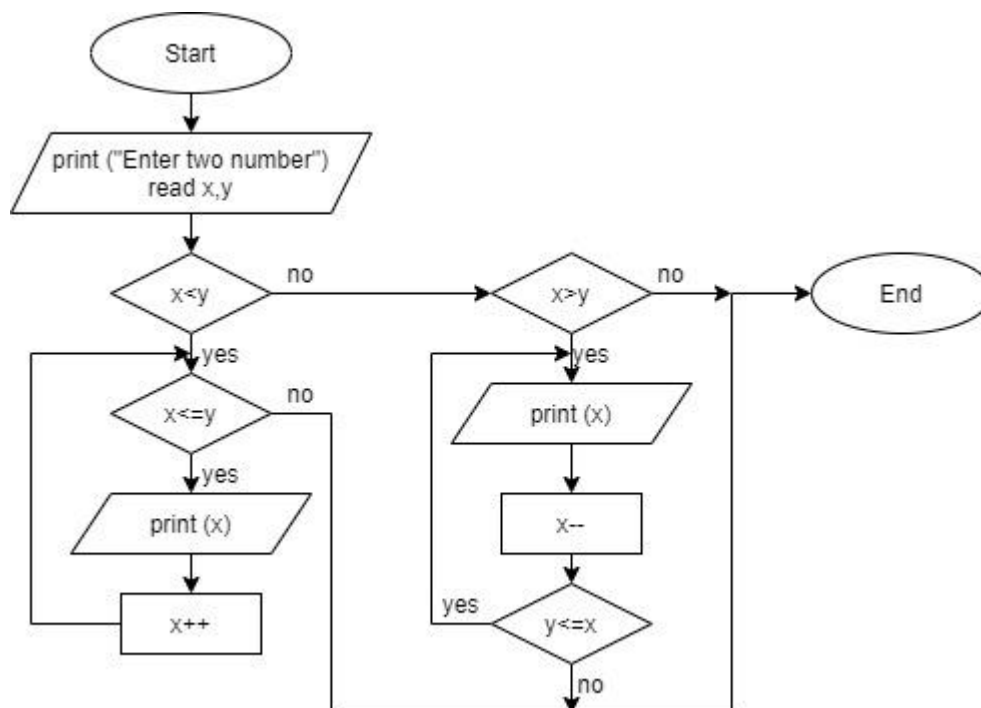
QUESTION 5

A	B	X	X<5	Z
3	5	0	-	8
4	4	1	T	3
5	3	2	T	2
6	2	3	T	3
7	1	4	T	6
8	0	5	F	3

P	Q	R	(P % 2 = 0) && (Q % 2 = 0)	P<Q
3	5	8	F	T
4	4	3	T	-
5	3	2	F	F
6	2	3	T	-
7	1	6	F	F
8	0	3	T	-

QUESTION 6

No	number	totalPay	Output
i	0	-	Program Ends
ii	1	700	Household 700
iii	2	200	Commercial 200
iv	3	2800	Industrial 2800
v	4	-	Program Ends

QUESTION 7

Part B

