

Assignment - 1

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Answer to the Question no.1

Count1	Count2	Total	Count2 < 5	Count1 < 3	Output
0	0	0	True		
1	1	0	True		
1	2	1	True		Total = 10
1	3	3	True		Count1 = 3
1	4	6	True		Count2 = 5
1	5	10	True		
1	5	10	False	True	
2	5	10	False	True	
3	5	10	False	True	

Answer to the Question no.2

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

Answer to the Question no.3

Question	Instruction
(i)	$y < 1$
(ii)	$y \leq 12$
(iii)	$AVG = \text{Total RF} / TM$
(iv)	$M \leq 12$
(v)	$Y = Y + 1$
(vi)	$\text{rainfall} < 0$
(vii)	$\text{total RF} = \text{Total RF} + \text{rainfall}$

Answer to the Question no.4

NO	Vehicle ID	Year	Vehicle Type	Price (RM)	discount	discounted Price
1.	V001	2015	Superbike	18,000	0.03	17 460
2.	V002	2012	Car	55,000	0.04	52 800
3.	V003	2014	Car	43,000	0.05	40 850
4.	V004	2014	Superbike	21,000	0.04	20 160
5.	V005	2016	Car	63,000	0.04	60 480

Answer to the Question 0.5

①

A	B	X	$X < 5$	Z
3	5	0	Y	8
4	4	1	Y	8
5	3	2	Y	8
6	2	3	Y	8
7	1	4	Y	8
8	0	5	N	

②

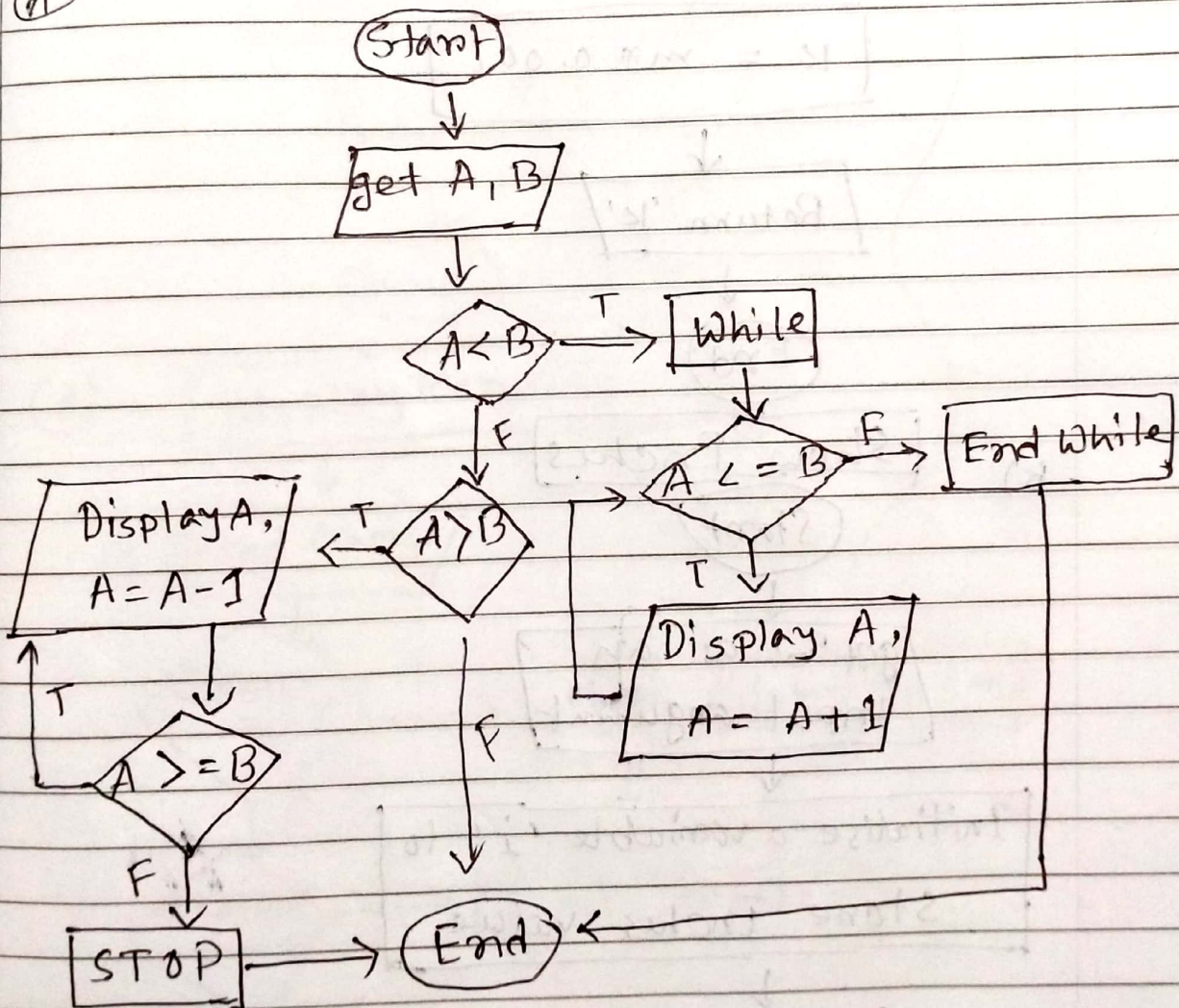
	P	Q	R	$(P \% 2 = 0) \text{ \& } (Q \% 2 = 0)$	$P < Q$
1	1	2	3	No	Yes
2	2	2	3	Yes	=
2	1	1	1	No	No

Answer to the Question no. 6

No	Number	Total pay	Output
i	0		program ends
ii	1	700	House hold, 700
iii	2	180	Commercial, 180
iv	3	2800	Industrial, 2800
v	4		Program ends

Answer to the Question no. 7

(A)



(B) [Show Kilometers]

a)

(Start)



get 'm' as
input argument



Initialise a variable 'K' to
store value of Kilometers



$K = m \times 0.001$



Return 'K'



(End)

b)

[Show Inches]

(Start)



get 'm' as an
input argument



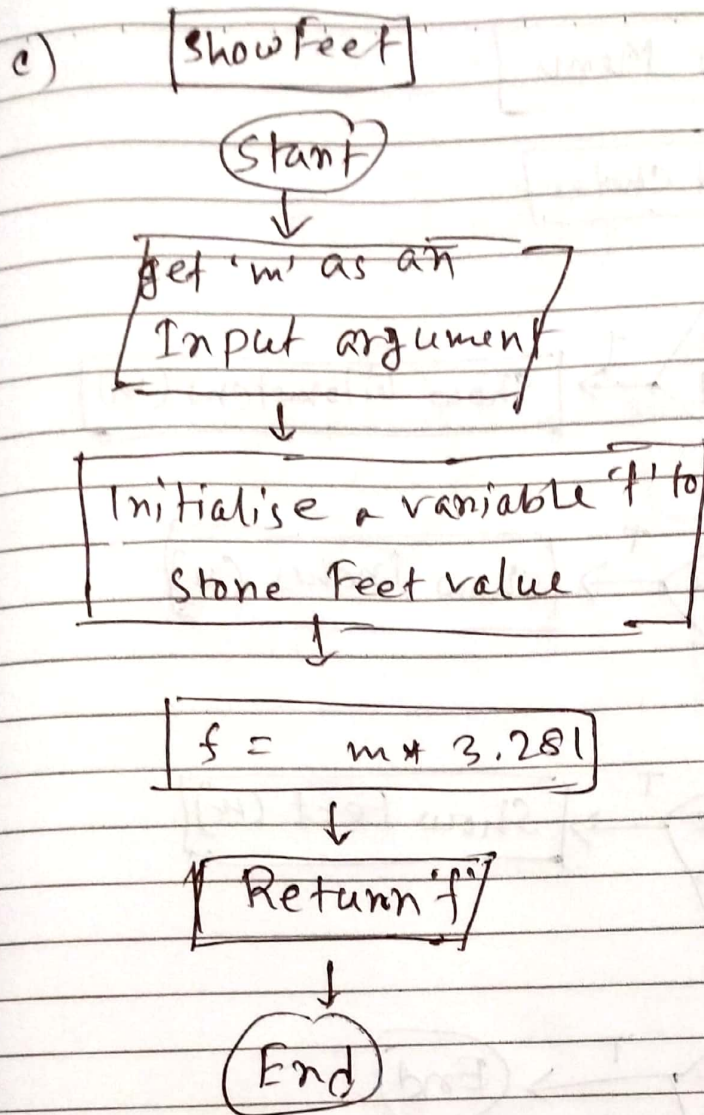
Initialise a variable 'i' to
store Inches value

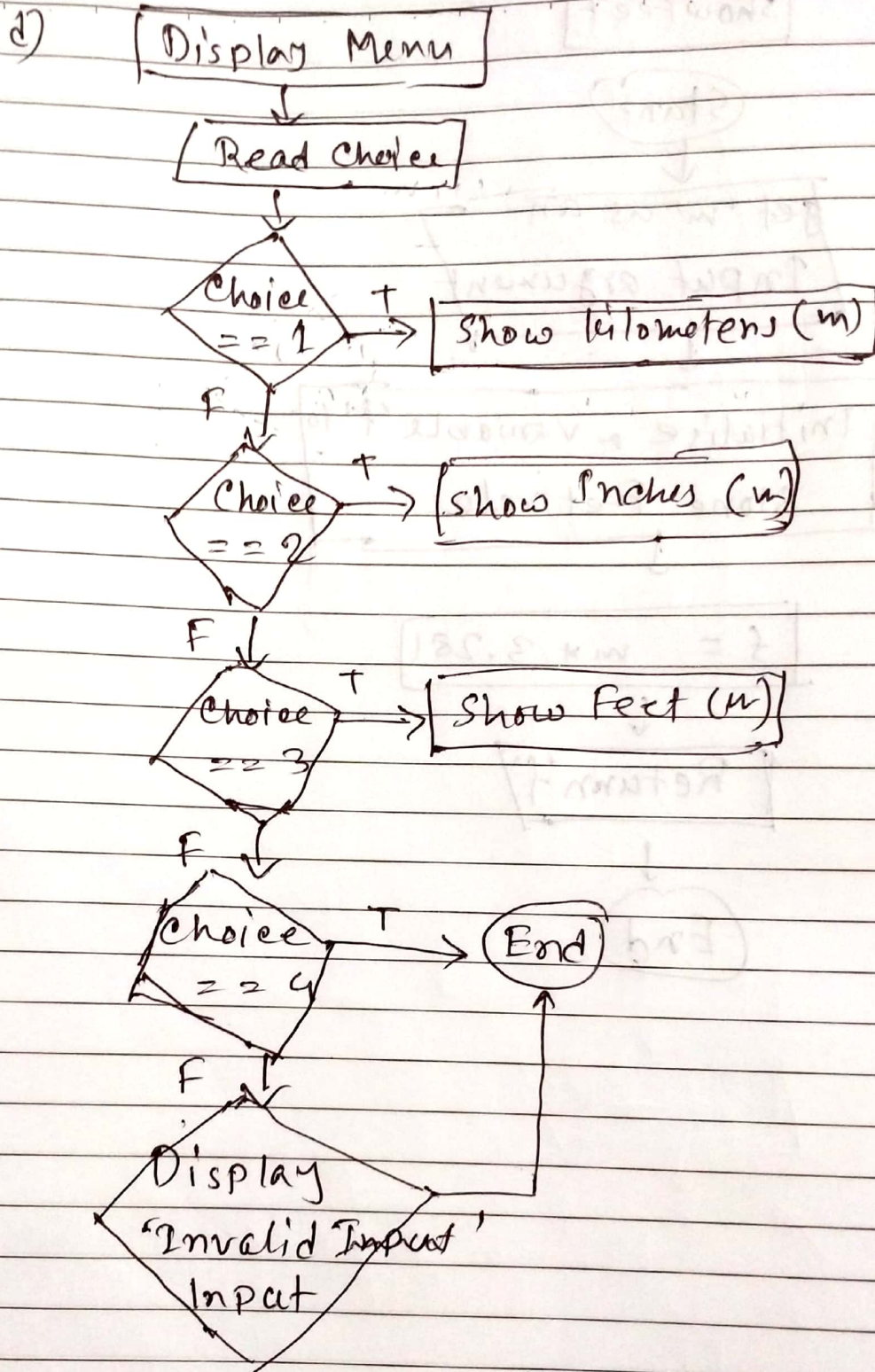


$i = m \times 39.37$



Return 'i' → (End)





e)

