1(a)

Miles Deiven		Na of Owners	d;	fid;
0-5	(X:)	(4)	-4	_ 28
5-10	7.5	26	-3	-78
10-15	12.5	59	-2	-118
15-20	17.5	71	-1	-71
20-25	22.5→A	- (62-)	20-62	0
25-30	27.5	39	1	39
30-35	32.5	22	2	44
35-40	37.5	14	3	42
		N= 300		Efidi = -170

Here, Assumed mean, A = 22.5

Class difference, h = 5

He knows,
$$\pi = A + \frac{2 \text{fidi}}{N} \times h$$

$$= 22.5 + \frac{-170}{300} \times 5$$

$$= 19.67$$

riene. The hierard hopen in the inich fil in

ble construct the following table:

Age (years) of wens	Hours per week	Camulative Frequency		
10-15-21-01	3	3		
15-20	71-16	10		
20-25	16 614.615	26		
25-30	12	38		
30 - 35	S. C.	47		
35-40	5	52		
40-45	3	55		
	N=55	(17) (4184))		
The state of the s		이 그는 사람들이 그리고 하는 것도 하고 있다면 하는 사람들이 되었다면 하는 사람들이 되었다면 하는 것이 없는데 하는데 없었다면 하는데 없다면 하는데 없다면 하는데 없다면 하는데 하는데 없다면 하는		

Here, Median is $\frac{N}{2} = \frac{55}{2} = 27.5 \approx 28^{th}$ observation. 28th observation lies in 25-30 class. So, median class is L= 25, P.Cf = 26, h=5, f=12.

the know, Median = $L + \frac{\frac{N}{2} - P.c.f}{f} \times h$

Here, the highest fragmency is 16 which lies in class is 20-25.

The know,

Mode =
$$L + \frac{\Delta_1}{\Delta_1 + \Delta_2} \times h$$

$$= 20 + \frac{9}{9 + 4} \times 5$$

$$= 23.46$$

(2)

we construct following table:

led value (Xi)	(t;)	di	fid:	f: 2,2
10			A Real Assessment of the Control of	Mary March 1980 of Party State Control of Chicago
70 TO	14	-2	-28	56
30	18	-1	-18	10/118
50+A	9	0	on one	0
70	14 5 00	. 14	5 5	5
90	1 4	2	8	16
	50	y na manta na mondere des respectos de mendere de en	T-C1-00	Efidi = 95
	70	70 4 90 4	70 4 2 90 4 2	70 4 2 8

We know, Standard developments, S.D. h × $\sqrt{\frac{2f_1d_1^2}{N}} - \left(\frac{2f_1d_1}{N}\right)^2$ | h.20 $= 20\sqrt{\frac{95}{50}} - \left(\frac{-33}{50}\right)^2$ = 24.20

Hence, vorcionce from emperical relation, $6^2 = (24.20)^2 = 585.64$