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	Coetticie	U4.				. 71	11.50	
						V18 .1	E 2	
a.	Class	0-10	10-20	20-30	30-40	40-50		
	brequency	9	6	ч	1280/	9		
	solution:				1)	•	
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7						Lage:							
11.1	Class	mid-value(2)	Frequency(f)	Fx	27	マーえ!	f /2	ラー					
7	10-10	1 5 1 13	2	45	5	21.5	193	.5					
7	10-20	15 08	6	90	3	11.5	69						
Ç.	20-30	2.5	4	100	æ §	1.5	6						
7-1	30-40	35	12	420	. 1	8.5	102						
	40-50	45	9 9	405		18.5	166.	5					
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	= 26.5 FMOO. 31 3FMO. 31												
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1.16	. Class	052510	10€ × € 26	20 < 2 < 30	30	5 × 540	11.5	2					
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		51	11	· .)		7.	1 6 7	ħ					
					17 200								

~					Lage:								
10	Class	2	Frequency (F)	7 (Fail	12-21	f 12-21							
ی	8/0-10	5	15	60 75	11.901	17-8-5							
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1 2 1	20-30	25 00	7 1	175	8.1	56.7							
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0)	40-50-	20	Nc 42	EFX = 600	1 00.0	EF x-il							
17	12.	00013	73 ON 1	710		- 402.8							
	ue know,				con!	N							
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2.	calculations	1 2 2 2 2	1	1	1.								
	calculate its coephic	ient.	deviation b	rom median	· Also	Calculate							
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a-	No. of Ppl	5 6	0 40-50 7	50-60 60-	70								
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	Age	3-20	if on	fox cf	1x-20 m21	f /x-题no							
	20+36	1/25	5) , 5	18.75	93.75							
	30-40	35	7	12	8.35	61.25							
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.)	50-601	55	G	26 01	11.25	67.5							
	60-7-01	65	4	30 08	21.25	85							
	0 NT	1.3	Nz 30	000	103-0H	だり2-四引っま							
	1 Here,	23	of	100	03:00	317.5							
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A POLICE	5		(Z) A class										
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	Also, Coektricient of M.D = 1.M.D frieddoor												
	10.58 = 0.24												
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102. cb.	CIN	0-20 2	0-40	40-	- 60	60-8	30	80.1				
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25.13	Solution:	17		[3.5		01000	_ 1			
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20 (0-20, 1	10 25	5	3 1	5	122	5	M) - 0	27	0		
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1 /6mg	40-60	50	7	8 : V1	18		1,	4	98			
5.418	60-80	70	10		28		G	1 397 3 1	60			
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	median 1	ies in cla	ss (1		7			6				
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(03	and mi miles per one de 20 maile along de											
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				- <u>i</u> -								
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			10		L. P.N	*						
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	Hire,	12-1-8-1		: nx:1		usd	(*)	M				
	MD fr	om median										
		3. E		N					1			
		ō c	· e	244	z 2	3.6						
	32.01 40											
	Also, coel	sticient of	MD .	Pad	MD	nand.	1)	1			
		400	17		md	12/19/	(((() () () ()					
	198.1	9.8	0/_ 2	23.6	164	= 0	1.2/	2				
		24.51										

3.	Calcula	te the	mean de	viation f	Y OM	media	n .	Also	ting ;	45			
	Coefficien	\ .		0111 .									
				6117									
a.	C1	0.5	5-10	10-15	. 19	5-20	20	-25	25-3	6			
	t	8	7	1 3/11		14	1	88	12				
	Solution.			(0.3)									
	C1	74	£	c. f		x-m							
	0-15	2.5	0/87	8	7	15.71	42	125	7136	f.			
	5-10	7.5	7	15	F	10.714	12	74.	9994				
	10-15 12.5 11 26 5.7142 62.8562												
	15-200 17.5 14. 400 0.7142 9.9988												
	20-25 22.5 18 58 4.2858 72.1444												
	25-30 27.5 12 70 9.2858 111.4296												
	1/ N2701/ Eflx-mdl=302.142												
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	median lies in (N) e 70 e 35												
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5	-8) -32/2	11. 201	<u></u>	_ xi	2	Marth	ofer	(n)					
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-		2 15	+ 35 -	26 × 9	50	17	1	36	. 14				
				1.1		1	_		1				
		2 18	3.2142	12	2.00								
	Also,												
	M.D from median e <u>EF De-md</u>												
	2 392.142												
	1 Lm x 70, a mile am most soil												
			2	5.60		20 35	Tr. I	J NI		-			

1	Maria	at Lat	30 2 cm	itary of mas	The state	/ 8	
24/	Also,	ient of M	1D . N	ΛΩ		(12/11/1/20)	
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	16 - 26	18	8 0 1	43	8.53	645 25	\perp
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				2 / 2	/	- 288	
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	5.76		252.01.							
	A150,		3-125							
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ч.	Canchard	l a f	ve Que Que	Lichibut	ion table	taking the class	Ś			
	interval	101 de	and cal	Culate A	he Mean d	exiation from m	ean.			
	111701 101	00 10	E 0	T C	5	Couldwin ?				
7.73	5.18 14	24 2	. 38 46	. 20.21	. 16,31	,45, 27, 10,4,	17,29			
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	Solution:		30.388	11 01	S	P 040				
	CI	x	£ . 8 F	fxisi	12-21	f /x-21				
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	10-20	15	105	7500	9.5	47.5				
	20-30	25	10.531	12501	0.5	2.5				
	30-40	35	4	140.7	10.5	42.5				
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			N = 20	EFX a		Ef 2-21=				
				490		212.5				
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		(x) L	Efz	2 496	2 24.5					
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	hlso	,			67,					
	D.D	rom n	nean z	Ef /2-	م ع الح					
	M.D from mean z Ef x-zil									
			,	212.5	/20 E	10.45				
	1									

								1			
	Also,	Coeff	icient of	5 M·D	2 M	49 1.5	0.50				
	Also, Crefficient ob M.D. = M.D. - 16.625 2415 20.M3 1 Find the standard deviation from the Lateral address Also its creft flucture. a class 0-10 10-20 20-30 30-40 40-50 Frequency 2 D 10 7 1 Solution: C.I & f fx (x-x)² f (x-x)² 6-10 & 2 10 345.06 (21.9) 10-20 15 D 135 73.96 C65.54 20-36 25 10 250 1.96 10.6 30-40 35 7 245 125.06 900.7 40-50 45 1 45 457.96 457.96 N=29 Efxe Ef(x-x)² C75 227445 Mean (x) = Efx N - 6.85 29 - 23.6										
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	Solution'		-	Γ~	-	(x-	z)2	t	(x-x)2	
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<i>y</i>							De.	ige:		
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	16-24	20	10	0	a [6]	0	.0)	200	
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2.0	calculate the variance and the coefficient of variance from									
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	Solution		T C	Sz	1 d(2-A)	57	122	MA	
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	20-30	-	14	350	0	0	N 0	7 - 0	
	30-40	25	12		10	120	1200	1-8	
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	ol. Ave		3 /	1665					
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1	Also	<i>f f</i>	X	1/	2.28	C.V	5.2	×100	
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	Now $S \cdot D(6) = \begin{cases} \xi \xi^{2} - (\xi \xi^{2})^{2} \\ N \cdot (N) \end{cases}$ $= \begin{cases} 33266 - (-66)^{2} \\ 50 \end{cases}$									
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3.0.	Prepare a frequency distribution taking ory as one of the										
-E	Prepare a frequency distribution taking deviation. Class intervals and hence find the standard deviation.										
	Class intervals and hence fine the street of 12, 17, 6, 8, 12, 17, 19, 5, 3 7, 3, 16, 4, 2, 1, 9, 11, 18, to 8, 5, 6, 4, 13, 17, 6, 8, 12, 17, 19, 5, 3 17, 08 16, 3, 2, 14, 13, 4, 10										
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