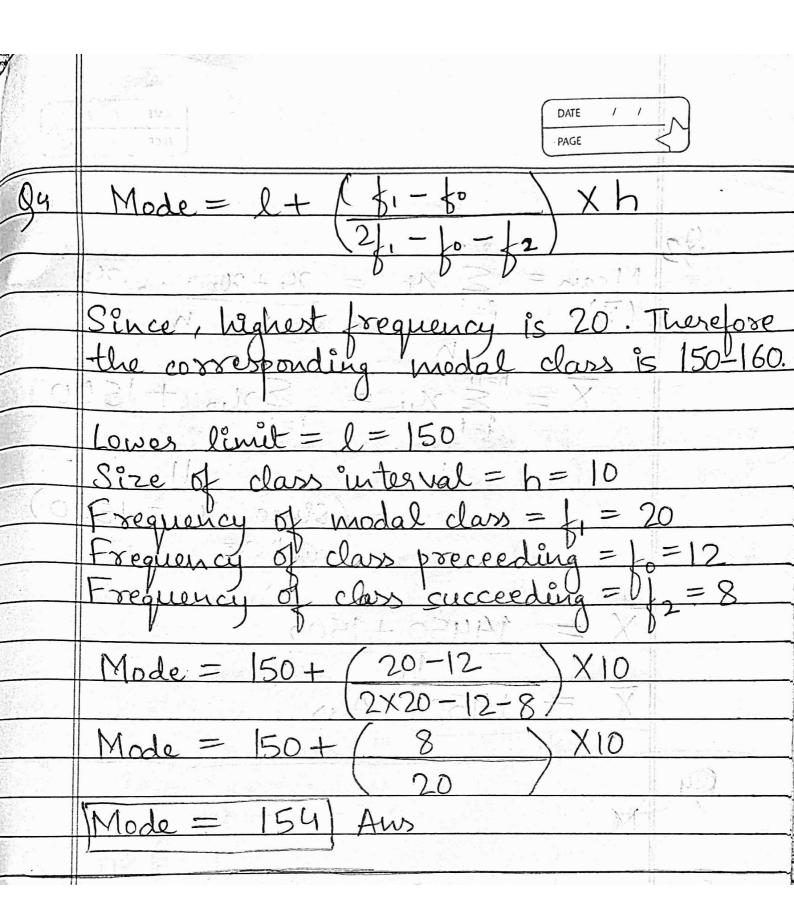
Major Assignment (Statistics) $n = \frac{13}{24, 25, 28, 31, 33, 33, 36, 42, 42, 42, 48, 51, 57, 57, 68, 75, 79, 79, 79, 853.$ Since, no of terms (n) Fre in odd in Median = (n+1)th term median = (19+1)-4 term Aus median = (10th) team

Aus median = .48) 0_2 n=8 $n_1 = \frac{45}{39}, \frac{39}{53}, \frac{45}{45}, \frac{43}{48}, \frac{48}{50}, \frac{45}{45}$ Mean = 45+39+53+45+43+48+50 Mean = 368 Aus [Mean = 46]

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` .	
95	
)	Range = Largest value - Lowest value
	Range = 70.08 - 13.67
	Range = 56.41 Aus
p 2	Tange
9	LEIN (TOURNEY HATAKA AND THE
Q6	
	μ= 17.8+19.2+16.3+12.5+12.8+11.4
Me	h)
	u= 5/5(200)
28	20° 20°-11 Co
A 31	79 79 17.8 2.8 7.89
, , , , , , , , , , , , , , , , , , ,	1.89
- ×	14.0
	105
The state of the s	10 0 0 0
1	11/11
	11.9 -3.6 12.96
	$\sigma = \frac{8}{5}(\chi_9 - \mu)^2$
	$\sigma = \frac{8}{5}(\chi_9 - \mu)^2$
* 4	n
	6 = 7.84 + 17.64 + 1.69 + 6.25 + 4.89 + 12.96
	8
	$6 = \sqrt{6.4025}$
(ma.i	
Software (1)	$ \sigma = 2.53 Aws$

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 $\pi = \{ 10, 50, 30, 20, 10, 20, 70, 30 \}$ assauging in ascending order $\pi = \{ 10, 10, 20, 20, 30, 30, 50, 70 \}$ 1st Quartilo = 15 2 nd Quartile = 2nd Quarlile = 25 3^{8d} Quartile = $\frac{510, 10, 20, 20}{510, 10, 20, 20}$ \(\frac{5}{30, 30, 50, 70}\) 30+50 = 40

3rd Quartile = 40

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010	
35	P(A)=0.40 05 08 00 04 6 500
	P(B) = pr
	P(AUB) = 0.6 00 ACE OF APRES = 10
	$P(A AB) = P(A) \cdot P(B)$
	P(AUB) = P(A) + P(B) = P(A) · P(B)
	0.6 = 0.4 + p = -0.4p
	0.6 = 0.4 + p - 0.4p 0.6 = 0.4 + 0.6p
	0.2 = 0.6p
	Aws p= 1
	3
	21 = 13 + 11/3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Qu	0/0100
	$P(B A) = P(B \cap A)$
	Sar 02 (A) 9 (A)
6	P(BDA) = 0.6
ria :	P(BNA) = 0.6
	0(010)
	P(B A) = 0.6
3	0.8
	P(BIA) = 3 - 1/2011 / 1/2011
	Sollide 196 196 196 196 196 196 196 196 196 196
	Ans [P(B A) = 0.75]
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Total outcomes: {(5,1), (5,2), (5,3), (5,4), (5,5), (5,6)} The outcomes with sum 9: {(5,5), (5,6)}

Probability = 2

Aus [P=1/3]

Q13

No. of outcomes per bin = 10 Since it is a 3-digit no.

 $P = 1000 \times 10 \times 10$ $P = 1000 \times 10$

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Total outcomes = 20+13+6 = 39

P(Independent) = 6

P(Democrat) = 13

P(Independent by Democrat)

= P(Independent) + P(Democrat)

= 6 + 13

39 39

= 19