Measures of central Tendency:
There are fine types of measures of Central tendency - O Axithmatic mean (2) Median
3) Mode (4) beanetrie mean
Ele will dieurs first three here.
Deithmatic mean: 21 21, 22, In are given dater;
$\overline{\chi} = \frac{\chi_1 + \chi_2 + \dots + \chi_m}{m} = \frac{1}{m} \sum_{i=1}^{m} \chi_i$
af me ave ginen frequency distribution
$f: f_1, f_2,f_m.$
then, $\bar{x} = \frac{f_1 x_1 + d_2 y_2 + + d_n y_n}{f_1 + f_2 + + d_n}$
$=\sum f\chi$

af are use shifting of the origin to a paint a loss for frequency dist., then

while an the abounted mean

where, $u = \frac{x-\alpha}{h}$, $\alpha =$ assumed mean and h is the class internal.

Ex: Find the mean of the following data:

Ma	ulis	No of students.
Below	10	5
Below	20	9
1)	30	17
n	40	29
n	50	45.
N	60	60
И	70	70
Ŋ	80	₹ 78°
n	9 D	8 3
Below	100	8 5

Solo Cile make the frequency distributions table as followers, in consider, $\alpha = 5.5$

huy, h = 10.

	. 1000 (D(!)			
Merches	Monfi	£13	$u = \frac{x - a}{h}$	fu.
0-10	6 5	5	-5.	-25
10-20	四15	4	-4	-16
20-30	25	8	-3	-24
30-40	35	12	5 1 2 2 21 19 1	-24
40-50	45	16	-1	-16
50-60	55	15	d 0	75 1 1 1 B
60 - 70	65	10	1 1 1	10
70-80	75	8	2	16
80-90	85	5	3	15
90 - 300	95	2	A	8
*		N=517	t	16 2: fu= - 56

Mean, $\bar{\chi} = a + h \frac{Z + y}{N}$

$$= 55 + 10 \times \frac{(-56)}{(85)}$$

= 48'42