	Fage
	Name:- Rohini Janardan Devkar
	Roll no:- 23272
	PRN no:- 72030818G
	TE-2.
	DSBD <del>/</del> A
Stell Co. 21	Assignment No. 3(2)
	Vrite C++ program to display some basic statistical details like mean, standard deviation and percentile of any dataset
Theory :-	apotan separation and analysis of the
	Septime to Household Standards
Mean :-	
	Mean is also known as average of all the numbers in the data
set wh	rich is calculated by -
	Mean = Sum of all data values
	Number of data values
	₹ z ≤x
	n has some to the same to the
	$\overline{x} = \underbrace{x_1 + x_2 + \dots + x_n}_{0}$
	n 7
Standar	d deviation:
	It is a measure of dispersion of observation within dataset
nelative	to their mean. It is square root of the variance and denoted by (or
eigma.	
7.9110	Standard deviation is expressed in the same unit as the value
in the	tataset so it measure how much observations of the data set differs
	e mean.
TADEL II	
	$\sigma = \left[ \frac{\mathcal{Z}(\mathcal{X}; -u)^2}{N} \right]$
	σ = population standard deviation
	O - Population







