Problem2

Class		X	f	F
90	100			
100	110			
110	120			
120	130			
	Sum =			

f X	f X^2	f (X - X_{mean})	f (X - X_{mean})^2
0			0
0			0
0			0
0			0
Sum=			

n =

X_{mean} = $SUM(fX_i)/SUM(f)$

=

Median Class = $SUM(f)/2$

= => Median Class is ??-??

Median = $L+(SUM(f)/2-F)*I/f$

=

Modal Class = *Class with the Higest Frequency*

= => Modal Class is ??-??

Mode = $L+(d_1)*I/(d_1 + d_2)$

=

n =

S.D.= $\{[SUM(f (X_i - X_{mean})^2)]/(SUM(f)-1)\}^{0.5}$

=

Histgram of the Frequency Distribution

Frequency

1.2
1
0.8
0.6
0.4
0.2
0

Calories