THIS PROGRAM PLOTS HISTOGRAMS OF MOL PERCENT
FERROSILITE OR FAYALITE AND CALCULATES
WEIGHT PERCENT AND PERCENT MEAN DEVIATION OF FEO

OFFSET = 1
CELL WIDTH = 1
DATA (FA)
        20.0000
        19.9000
        20.0000
        19.9000
        20.0000
        19.9000
        19.8000
        19.3000
        19.8000
        19.4000
        19.3000
        19.8000
        19.9000
        19.4000
        19.6000
        19.5000
        19.4000
        20.0000
        19.6000
        19.6000
        20.1000
        20.0000
        20.4000
        19.8000
        19.5000
        19.6000
        19.9000
        19.4000

PERCENT MEAN DEVIATION OVER 28   OBSERVATIONS CONVERTED
TO WEIGHT PERCENT FEO (MEAN FEO WT%= 18.52386071   %) IS::::
  1.101794605

N= 28
MEAN=   19.7429
STD.DEV=   0.2781
SKEWNESS=   0.0984
KURTOSIS=   2.1998

Craufills Gap

```
CELL WIDTH = 1
FS                  WO
     17.9000
                   1.3
     17.5000
                   1.4
     17.6000
                   1.5
     17.3000
                   1.3
     17.5000
                   1.5
     18.0000
                   1.4
     18.0000
                   1.5
     17.9000
                   1.4
     18.5000
                   1.6
     17.4000
                   1.5
     17.2000
                   1.7
     17.4000
                   1.3
     17.5000
                   1.6
     16.5000
                   1.5
     16.6000
                   1.2
     17.1000
                   1.6
     17.4000
                   1.5
     16.8000
                   1.4
     17.7000
                   1.4
     17.2000
                   1.6
     17.1000
                   1.3
     17.7000
                   1
     17.1000
                   1.5
```

PERCENT MEAN DEVIATION OVER 23   OBSERVATIONS CONVERTED
TO WEIGHT PERCENT FEO (MEAN FEO WT%= 12.63192174   %) IS:::::
  2.008411312

```
N= 23
MEAN=      17.4304
STD.DEV=        0.4685
SKEWNESS=        0.0344
KURTOSIS=        2.7549
```