Module - 5 Croophe and Charles

- I) Boy plot
 - -> bouplot()
 - -> we can supply a vertor or matrix as I/P.
 - -) It we supplay a vertor, the plot will have bour with their heights equal to the clusts, in the vertor.
- Eg: temp = c (24,26,23,24,26,28,25).
 bouplet (temp)

min-heading

x lab - naxis name

y lab - y axis nonse

nanse. org - nouse of each bar.

col-where name of box.

horiz-horizontal graph. (horiz=TRUE).

density-shading (density=10)

. suds reprod rod - reprod

```
Pie Urart
Function = pie(x)
 X= c(1,1,1,2,2,3,3,4,4,4)
g = table(x)
 pie (g).
main: - heading.
piel g. main = "Fiest")
. seulor tugni -x
lables - to give labels nouses for stides.
edges - cioular of pie is approximated
       by a polygon with many edges
       [defoult: 200]
vadius: to change vadius, default = 0.8
doctourise - to label in clackwise direction-
             (T=simulab)
```

density-to shade pie Eg: density = c(10,20,30,40) -> detheut Shoding each stide. * cet - to give whoms. w/= 60inpon/(12). * border - to give border. border = F. -> We can make 30 by installing plotaix. Eg: pie 3D(Y). pie 3D (y, explode = 0.2) It makes the pie doct into pieces.

Histogram X = c(1,1,1,1,1,2,2,2,2,3,3,3,4,4)y = table(x) 234 4 3 2 > hist (π) To see grouping, cut (x,6) main - heading. xlab-xaris vouse. glob - gonis vouse. x lim- x limit. g lins - g linsit. . evela - la density - shoding density, c= (20,30,40).

Boog - get the probability distributor instead of frequency. they = FALSE. * las - to show the linsits values housentally las = TRUE. border - to set border. border = E. breaks - no of cells we want, place where the bosales occur. * counts: no of observations falling in

that all.

Slatter Plot Plat (cls,6,7,8,9) X=1:5 d = P:10 (g,x) talq pribar - rian x lab g lab d- calau. type - 'p' for points. (1) for lines. 'b' both line of points. "c' for lives part alone of b. o' over platted. 'h' toe histogeans. 's' for stail. no plating.

Box Plot quantitative data ploting. tunction: boxplot. boxplot (aixquality & ozone) main x lab y lab × notch - notch in the plat, notch = 7. horizontal: display box plat horizontally housantal = T. multiple box plot; 02 = aix quality & ozone. temp = accordity & temp wird = airquality & wird. boxplot (02, temp, wind) varwidth: changes the box width, varwidth=1 border: It danger border colour.