Strtrim ("one", 1)   works for vector   Strtrim (vector, 1)

$\Rightarrow$ "0" $\Rightarrow$ does this for each element.

as.numeric ("1") $\Rightarrow$ "1".

b) $\rightarrow$ compute # of goals for each period (in a vector).

  $\rightarrow$ use barplot. (vector)
                        must be named.

      y $\leftarrow$ c ((1,2,3)

      names (y) $\leftarrow$ c("one", "two", "three").

  tapply

      tapply (Wage

Data $\rightarrow$ Wage, Female (Dummy).

  mean (Data$wage [Data$female == 1]. $\Rightarrow$ Average wage for female.

  tapply (Data$, as.factor(Data$female), mean).

Summary. as.factor ( ).

<u>Years</u> $\longrightarrow$ 1st 4 digits of Game-id.

tuifply (res \$ Game_id==team . years, sum).

0) plot. (x, y, type="b")   hetp (par).
                    $\underset{\searrow}{}$ both.

    — text( )

    — arrows( )

    — segment ( )

    — points ( )   black=1, red=2.

    — lines x, y, col, type= "b").

    — legend (where, name, lty=1 , col= c(1,3), "topright", "bottomright".

              c("montreal", "boston")

sapply (gameid, function(g), isWin(g, team1).