Parcial Caren Gochez y Josue Vega

```r
pascal <- function(h) {
    for(i in 0:(h-1)) {
    s <- ""
    for(k in 0:(h-i)) s <- paste(s, "   ", sep="")
    for(j in 0:i) {
      s <- paste(s, sprintf("%3d ", choose(i, j), sep=""))
    }
    print(s)
  }
}
y<-pascal(8);y
```

```
## [1] "                        1 "
## [1] "                      1    1 "
## [1] "                   1    2    1 "
## [1] "                1    3    3    1 "
## [1] "             1    4    6    4    1 "
## [1] "          1    5   10   10    5    1 "
## [1] "       1    6   15   20   15    6    1 "
## [1] "    1    7   21   35   35   21    7    1 "
## NULL
```

```r
cuartiles<- function(x)
{
  y=sort(x)
    n=length(x)


    for(i in 1:3){
    q=i*(n/4)
    cuartil=y[q]
    print("Cuartil")
    print(cuartil)
        }
}
cuartiles(c(3,7,2))
```

```
## [1] "Cuartil"
## numeric(0)
## [1] "Cuartil"
## [1] 2
## [1] "Cuartil"
## [1] 3
```

```
mediana<- function(x)
{
  y=sort(x)
    n=length(x)


    q=2*(n/4)
    cuartil=y[q]
    print("Mediana es de:")
    print(cuartil)
        }
mediana(c(3,7,2,4,5,4))

## [1] "Mediana es de:"
## [1] 4
```

```
vectores<- function(x,y)
{
    n=length(x)
    m=length(y)
for (i in 1:n)
  for (j in 1:m)
    if (x[i] == y[j])
        print(x[i])
        }
vectores(c(1,2,3),c(3,2,5))

## [1] 2
## [1] 3
```

```
vector<- function(x,y)
{
    n=length(x)
    m=length(y)
for (i in 1:n)
  for (j in 1:m)
    if (x[i] == y[j]){
      z=x[i]


                }
}
vector(c(1,2,3),c(3,2,5))
```