File Edit View Terminal Go Help

```
> help(pi)
> pi
[1] 3.141593
> vMean<-c(1,0,-1,0)
> uMean<-c(0,1,0,-1)
>
> #Direction:
>
> C3<-180/3.1415
> i<-1
> d=matrix(data=NA,nrow=length(vMean),ncol=1)
> for(i in 1:length(vMean))
+ if(u[i]>0){
+ d[i,]<-(90-(C3*atan(vMean[i]/uMean[i]))+180)
+ }else{
+ d[i,]<-(90-C3*atan(vMean[i]/uMean[i]))
+ }
> d
              [,1]
[1,]  -0.002654408
[2,] 270.000000000
[3,] 180.002654408
[4,]  90.000000000
> 
```