Calculation of mode

Using package

```
u = c(4,5,3,3,4,4,2,4,7,4)
# mode exist logically for u
v = c(1,1.5,2,2.5,3,3.5,4,4.5,5,6,12,24,15,20)
# mode doesn't exist logically for v
library(statip)
mfv(u)
```

```
## [1] 4
```

```
mfv(v) # mfv() gives most frequent value
```

```
##  [1]  1.0  1.5  2.0  2.5  3.0  3.5  4.0  4.5  5.0  6.0 12.0 15.0 20.0 24.0
```

By user defined function

```
#create function for mode
Mode = function(x)
  {
   uniqv = unique(x)
   uniqv[which.max(table(match(x, uniqv)))]
}
Mode(u)
```

```
## [1] 4
```

```
Mode(v)
```

```
## [1] 1
```