R console Internal representation

Input print(f)

integer vector level mapping

```
v \leftarrow c ("mango", "banana",
"banana", "mango")
     f \leftarrow factor(v)
```

→ banana

[1] mango banana banana mango Levels: banana mango

2 → mango

change level orde

 $f \leftarrow factor(v,$ levels = c("mango", "banana")

→ mango

[1] mango banana banana mango Levels: mango banana

→ banana

 $levels(f) \leftarrow$ c("tangerine", "sugar")

[1] tangerine sugar sugar tangerine Levels: tangerine sugar

2

→ tangerine

→ sugar