

RWorkSheets_Barrientos#1

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1.

```
age <- c(34, 28, 22, 36, 27, 18, 52, 39, 42, 29,  
35, 31, 27, 22, 37, 34, 19, 20, 57, 49, 50, 37, 46, 25, 17, 37, 42, 53, 41, 51, 35, 24, 33, 41.)  
length (age)
```

```
## [1] 34
```

```
age <- c(34, 28, 22, 36, 27, 18, 52, 39, 42, 29,  
35, 31, 27, 22, 37, 34, 19, 20, 57, 49, 50, 37, 46, 25, 17, 37, 42, 53, 41, 51, 35, 24, 33, 41.)
```

2.

```
reciprocal <- 1 / age  
print (reciprocal)
```

```
## [1] 0.02941176 0.03571429 0.04545455 0.02777778 0.03703704 0.05555556  
## [7] 0.01923077 0.02564103 0.02380952 0.03448276 0.02857143 0.03225806  
## [13] 0.03703704 0.04545455 0.02702703 0.02941176 0.05263158 0.05000000  
## [19] 0.01754386 0.02040816 0.02000000 0.02702703 0.02173913 0.04000000  
## [25] 0.05882353 0.02702703 0.02380952 0.01886792 0.02439024 0.01960784  
## [31] 0.02857143 0.04166667 0.03030303 0.02439024
```

3.

```
new_age <- c(age,0,age)  
print (new_age)
```

```
## [1] 34 28 22 36 27 18 52 39 42 29 35 31 27 22 37 34 19 20 57 49 50 37 46 25 17  
## [26] 37 42 53 41 51 35 24 33 41 0 34 28 22 36 27 18 52 39 42 29 35 31 27 22 37  
## [51] 34 19 20 57 49 50 37 46 25 17 37 42 53 41 51 35 24 33 41
```

What Happen to the new_age?

4

```
sort(age)
```

```
## [1] 17 18 19 20 22 22 24 25 27 27 28 29 31 33 34 34 35 35 36 37 37 37 39 41 41  
## [26] 42 42 46 49 50 51 52 53 57
```

```
sort (age)
```

```
## [1] 17 18 19 20 22 22 24 25 27 27 28 29 31 33 34 34 35 35 36 37 37 37 39 41 41  
## [26] 42 42 46 49 50 51 52 53 57
```

5

```
min (age)
```

```
## [1] 17
print (age)

## [1] 34 28 22 36 27 18 52 39 42 29 35 31 27 22 37 34 19 20 57 49 50 37 46 25 17
## [26] 37 42 53 41 51 35 24 33 41

max (age)

## [1] 57
print (age)

## [1] 34 28 22 36 27 18 52 39 42 29 35 31 27 22 37 34 19 20 57 49 50 37 46 25 17
## [26] 37 42 53 41 51 35 24 33 41

6

data <- c(2.4, 2.8, 2.1, 2.5, 2.4, 2.2, 2.5,
          2.3, 2.5, 2.3, 2.4, 2.7)
print(data)

## [1] 2.4 2.8 2.1 2.5 2.4 2.2 2.5 2.3 2.5 2.3 2.4 2.7
```