Lab_01

stringr not allowed

izd3

Use only commands & functions that are shown in the indicated chapter or prior chapters.

Problem #01 - Chapter 3 Exercise #06

```r
# Show your work here
c(1, 2, 3, 4, 5, 6) * c( 0, 4, 6) - 1
```

```
## [1] -1  7 17 -1 19 35
```

```r
c(1, 2, 3, 4, 5, 6) * c( 0, 4, 6)- 1
```

```
## [1] -1  7 17 -1 19 35
```

```r
c(1, 2, 3, 4, 5, 6) * c( 0, 4, 6, 1, 9) - 1
```

```
## Warning in c(1, 2, 3, 4, 5, 6) * c(0, 4, 6, 1, 9): longer object length is not
## a multiple of shorter object length
```

```
## [1] -1  7 17  3 44 -1
```

Problem #02 - Chapter 4 Exercise #03

```
# Show your work here
AssignmentData001<-c(1, 4, 7, 9, 12, 15, 19, 21, 22, 30)
AssignmentData001*pi
```

```
##  [1]  3.141593 12.566371 21.991149 28.274334 37.699112 47.123890 59.690260
##  [8] 65.973446 69.115038 94.247780
```

```
1/(3^AssignmentData001)
```

```
##  [1] 3.333333e-01 1.234568e-02 4.572474e-04 5.080526e-05 1.881676e-06
##  [6] 6.969172e-08 8.603916e-10 9.559907e-11 3.186636e-11 4.856936e-15
```

```
AssignmentData001^0
```

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

Problem #03 - Chapter 5 Exercise #03

```r
# Show your work here
paste(CharacterData001,collapse = " ")
```

```
## [1] "We welcome change and openness; for we believe that freedom and security go together, that the
```

```r
paste(CharacterData002,collapse="_")
```

```
## [1] "I_am_closing_my_52_years_of_military_service._When_I_joined_the_Army,_even_before_the_turn_of_t
```