Package management in R

❖ Basic commands of package management in R.

Install a package	**install.packages("<package_name>")**
Update a package	**update.packages("<package_name>")**
Load a package	**library(<package_name>)**
Get package information	**packageDescription("<package_name>")**
Remove a package	**remove.packages("<package_name>")**

❖ Demo: Installing, using, and removing **plotly** package.

```r
#installing plotly package
install.packages("plotly")

#loading package for using
library(plotly)

#getting package information
packageDescription("plotly")

#ploting a simple graph
plot_ly(x = 2001:2020, y = (1:20)^2, type='bar')

#removing plotly package
remove.packages("plotly")
```

Let's practice the above commands with "tidyr" package. Now, answer the following questions.

    a. What is the current version of "tidyr" package?
    b. What is the purpose of this package?