

Package ‘ThomasJeffersonUniv’

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Type Package

Title Handy Tools for TJU/TJUH Employees

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Description Functions for admin needs of employees of Thomas Jefferson University and Thomas Jefferson University Hospital, Philadelphia, PA.

License GPL-2

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ThomasJeffersonUniv-package
Handy Tools for TJU/TJUH Employees

Description

Functions for admin needs of employees of Thomas Jefferson University and Thomas Jefferson University Hospital, Philadelphia, PA.

TJU_Workday *Thomas Jefferson University Workdays*

Description

To summarize the number of workdays, weekends, holidays and vacations in a given time-span (e.g., a month or a quarter of a year).

Usage

TJU_Workday(x, vacations)

Arguments

x	character scalar or vector (e.g., '2021-01' for January 2021, '2021 Q1' for 2021 Q1 (January to March)), or integer scalar or vector (e.g., 2021L for year 2021); The time-span to be summarized. Objects of classes yearqtr and yearmon are also accepted.
vacations	Date vector, vacation days

Details

TJU_Workday summarizes the workdays, weekends, Jefferson paid holidays (New Year's Day, Martin Luther King, Jr. Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving and Christmas) and your vacation (e.g., sick, personal, etc.) days (if any), in a given time-span.

Per Jefferson policy (source needed), if a holiday is on Saturday, then the preceding Friday is considered Weekend. If a holiday is on Sunday, then the following Monday is considered Weekend.

Value

TJU_Workday returns a **factor**.

References

<https://hr.jefferson.edu/benefits-compensation/paid-time-off.html>

Examples

```
table(TJU_Workday(c('2021-01', '2021-02')))  
tryCatch(TJU_Workday(c('2019-10', '2019-12')), error = identity)  
table(TJU_Workday('2022 Q1'))  
table(TJU_Workday('2022 Q1', vacations = seq.Date(  
  from = as.Date('2022-03-14'), to = as.Date('2022-03-18'), by = 1)))  
table(TJU_Workday('2022 Q2', vacations = as.Date(c(  
  '2022-05-22', '2022-05-30', '2022-06-01', '2022-07-04'))))  
table(TJU_Workday(2021L))
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