

R BASIC

20BCE1025__Abhishek_N_N

2022-09-02

R Workspace

```
getwd()
```

```
## [1] "/mnt/D/5th_fall_sem_22_23/cse3505_fda_t/R"
```

```
x<-10  
ls()
```

```
## [1] "x"
```

```
help(options)  
# options()
```

```
options(digits = 3)
```

```
# history()  
# history(max=Inf)  
# savehistory(file = "myRHistory")  
# loadhistory(file = "diffRHistory.txt")
```

How to Use Date Formats in R

```
d<-Sys.Date()  
d
```

```
## [1] "2022-09-02"
```

```
format(d,format="%a")
```

```
## [1] "Fri"
```

```
format(d,format="%A")
```

```
## [1] "Friday"
```

```
format(d,format="%u")
```

```
## [1] "5"
```

```
format(d,format="%b")
```

```
## [1] "Sep"
```

```
format(d,format="%B")
```

```
## [1] "September"
```

```
format(d,format="%m")
```

```
## [1] "09"
```

```
format(d,format="%y")
```

```
## [1] "22"
```

```
format(d,format="%Y")
```

```
## [1] "2022"
```

```
format(d,format="%C")
```

```
## [1] "20"
```

```
format(d,format="%d")
```

```
## [1] "02"
```

```
format(d,format="%j")
```

```
## [1] "245"
```

```
format(d,format="%D")
```

```
## [1] "09/02/22"
```

```
format(d,format="%d-%b-%y")
```

```
## [1] "02-Sep-22"
```

```
Sys.timezone()
```

```
## [1] "Asia/Kolkata"
```

```
difftime("2022-9-2","2002-4-7",units = "days")
```

```
## Time difference of 7453 days
```

```
difftime("2022-9-2","2002-4-7",units = "weeks")
```

```
## Time difference of 1065 weeks
```

```
difftime("2022-9-2","2002-4-7",units = "hours")
```

```
## Time difference of 178872 hours
```