

df-textEntry

1. Using data.frame() from BaseR

```
# strings indicated in quotes

sch = c("SBIZ","NSHD","SHBS","SST")
pgms = c(23,25,14,13)
df <- data.frame(sch,pgms)
df
```

```
      sch pgms
1 SBIZ   23
2 NSHD   25
3 SHBS   14
4 SST    13
```

```
str(df)
```

```
'data.frame':  4 obs. of  2 variables:
 $ sch : chr  "SBIZ" "NSHD" "SHBS" "SST"
 $ pgms: num  23 25 14 13
```

2. Using a read.table from BaseR

```
# note that parameters include `header=` and `text=`
# and so don't need quotes.

df<-read.table(header = TRUE, text = "
sch pgms
```

```
SBIZ 23
NSHD 25
SHBS 14
SST 13
")
df
```

```
      sch pgms
1 SBIZ   23
2 NSHD   25
3 SHBS   14
4 SST    13
```

```
str(df)
```

```
'data.frame':  4 obs. of  2 variables:
 $ sch : chr  "SBIZ" "NSHD" "SHBS" "SST"
 $ pgms: int   23 25 14 13
```

3. Using tibble() from tidyverse

```
library(tidyverse)
# quotes required

tb1 <- tibble(
  sch = c("SBIZ","NSHD","SHBS","SST"),
  pgms = c(23,25,14,13)
)
tb1
```

```
# A tibble: 4 x 2
  sch      pgms
<chr> <dbl>
1 SBIZ      23
2 NSHD      25
3 SHBS      14
4 SST       13
```

4a. using tribble() - a transposed tibble

```
tb2<-tribble(  
  ~sch, ~pgms,  
  "SBIZ", 23,  
  "NSHD", 25,  
  "SHBS", 14,  
  "SST", 13  
)  
tb2
```

```
# A tibble: 4 x 2  
  sch    pgms  
  <chr> <dbl>  
1 SBIZ    23  
2 NSHD    25  
3 SHBS    14  
4 SST     13
```

4b. tribble() with date

```
tb3 <- tribble (  
  ~date, ~weight,  
  "2020-02-22", 13,  
  "2021-03-02", 15,  
  "2022-04-11", 18,  
  "2023-03-10", 23  
)  
tb3$date <- as.Date(tb3$date)  
tb3
```

```
# A tibble: 4 x 2  
  date      weight  
  <date>    <dbl>  
1 2020-02-22    13  
2 2021-03-02    15  
3 2022-04-11    18  
4 2023-03-10    23
```

5. Using read_csv from tidyverse::readr

```
rc <- read_csv("sch, pgms
               SBIZ, 23
               NSHD, 25
               SHBS, 14
               SST,  13
               ")
rc
```

```
# A tibble: 4 x 2
  sch    pgms
  <chr> <dbl>
1 SBIZ    23
2 NSHD    25
3 SHBS    14
4 SST     13
```