input-tibble

> **Note**
>
> - requires `library(tidyverse)`
> - `tibble` allows pipes `|>` to be used

1. using `tibble()` from `tidyverse`

```
library(tidyverse)
# quotes required

tb1 <- tibble(
sch = c("SBIZ","NSHD","SHBS","SST"),
pgms = c(23.2,25.4,14.0,13)
)
tb1
```

```
# A tibble: 4 x 2
  sch    pgms
  <chr> <dbl>
1 SBIZ   23.2
2 NSHD   25.4
3 SHBS   14
4 SST    13
```

```
str(tb1)
```

```
tibble [4 x 2] (S3: tbl_df/tbl/data.frame)
 $ sch : chr [1:4] "SBIZ" "NSHD" "SHBS" "SST"
 $ pgms: num [1:4] 23.2 25.4 14 13
```

2. using `tribble()` - a transposed tibble

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

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

3. `tribble()` with dates

```
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
```

4. using `read_csv` from `tidyverse::readr`

```
tb4 <- read_csv("sch, pgms
         SBIZ, 23
         NSHD, 25
         SHBS, 14
         SST,  13
         ")
tb4
```

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