R

mean()　　mean　()　　UseMethod("mean")

```
mean
```

```
function (x, ...)
UseMethod("mean")
<bytecode: 0x147985a40>
<environment: namespace:base>
```

methods()

```
methods(mean)
```

```
[1] mean.Date*     mean.default*  mean.difftime* mean.POSIXct*  mean.POSIXlt*
[6] mean.quosure*
see '?methods' for accessing help and source code
```

2　mean.default*　*　mean.default

```
mean.default
```

```
function (x, trim = 0, na.rm = FALSE, ...)
{
    if (!is.numeric(x) && !is.complex(x) && !is.logical(x)) {
        warning("argument is not numeric or logical: returning NA")
        return(NA_real_)
    }
```

```
    if (isTRUE(na.rm))
        x <- x[!is.na(x)]
    if (!is.numeric(trim) || length(trim) != 1L)
        stop("'trim' must be numeric of length one")
    n <- length(x)
    if (trim > 0 && n) {
        if (is.complex(x))
            stop("trimmed means are not defined for complex data")
        if (anyNA(x))
            return(NA_real_)
        if (trim >= 0.5)
            return(stats::median(x, na.rm = FALSE))
        lo <- floor(n * trim) + 1
        hi <- n + 1 - lo
        x <- sort.int(x, partial = unique(c(lo, hi)))[lo:hi]
    }
    .Internal(mean(x))
}
<bytecode: 0x130983d60>
<environment: namespace:base>
```