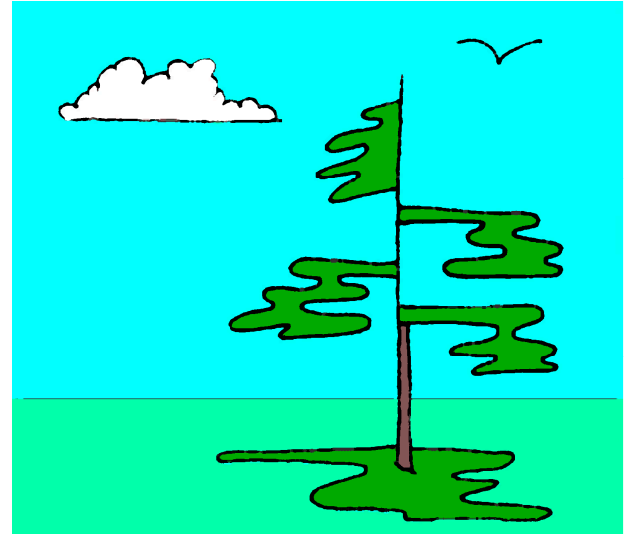


NorthWoods Software



Program Name: Data from File

Project Name: Name

Project Number: Number

Project Description: Describe

Project Designer: Dik

Last Revised (yy-mm-dd): 18-07-20

Reference: Reference?

Created using SMath Studio, a MathCAD workalike from <https://en.smath.info/view/SMathStudio>
The User is responsible to verify data using an alternative method

Menu:

..... Enter Data Space Important Output Logical Constructs Blue Text: Units
..... Summation

Defined Units:

$K := \text{kip}$ kilopounds (force)
 $kN_m := \text{kN m}$ kiloNewton-Metres (Moment)

User Defined Functions

```

Check(arg) := if arg = 1
               Check := "...OK"
               else
               Check := "...NG"
Check(2 = 3) = "...NG"
Check(2 ≤ 3) = "...OK"
Check(3 ≥ 2) = "...OK"

```

$fName := "d:\file06.txt"$

$dSymbol := "."$

$colDelimiter := ","$

$fmRow := 0$

$toRow := 0$

$fmCol := 0$

$toCol := 0$

Path + FileName; extension can be txt, csv, or n

Character used for Decimal

Character used to Separate Data Values

Beginning Row of Array for Variable

End Row of Array for Variable

Beginning Column of Array for Variable

End Column of Array for Variable

$a := \text{importData}(fName, dSymbol, 0, colDelimiter, fmRow, toRow, fmCol, toCol, 0)$

$a =$	1	2	3	4
	5	6	7	8
	9	10	11	12

```
fName := "d:\file06.txt"
```

Path + FileName; extension can be txt, csv, or nul

```
dSymbol := "."
```

Character used for Decimal

```
colDelimiter := ","
```

Character used to Separate Data Values

```
fmRow := 1
```

Beginning Row of Array for Variable

```
toRow := 1
```

End Row of Array for Variable

```
fmCol := 1
```

Beginning Column of Array for Variable

```
toCol := 4
```

End Column of Array for Variable

```
b := importData(fName, dSymbol, 0, colDelimiter, fmRow, toRow, fmCol, toCol, 0)
```

```
b = [ 1.00 2.00 3.00 4.00 ]
```

```
fName := "d:\file06.txt"
```

Path + FileName; extension can be txt, csv, or nul

```
dSymbol := "."
```

Character used for Decimal

```
colDelimiter := ","
```

Character used to Separate Data Values

```
fmRow := 2
```

Beginning Row of Array for Variable

```
toRow := 3
```

End Row of Array for Variable

```
fmCol := 1
```

Beginning Column of Array for Variable

```
toCol := 2
```

End Column of Array for Variable

```
c := importData(fName, dSymbol, 0, colDelimiter, fmRow, toRow, fmCol, toCol, 0)
```

```
c = [ 5.00 6.00
      9.00 10.00 ]
```

```
fName := "d:\file06.txt"
```

Path + FileName; extension can be txt, csv, or nul

```
dSymbol := "."
```

Character used for Decimal

```
colDelimiter := ","
```

Character used to Separate Data Values

```
fmRow := 2
```

Beginning Row of Array for Variable

```
toRow := 2
```

End Row of Array for Variable

```
fmCol := 2
```

Beginning Column of Array for Variable

```
toCol := 2
```

End Column of Array for Variable

```
c := importData(fName, dSymbol, 0, colDelimiter, fmRow, toRow, fmCol, toCol, 0)
```

```
c = [ 6 ]
```