Contents


```
function VarName1 = importfile(filename, dataLines)
```

```
%IMPORTFILE Import data from a text file
%  VARNAME1 = IMPORTFILE(FILENAME) reads data from text file FILENAME
%  for the default selection.  Returns the data as column vectors.
%
%  VARNAME1 = IMPORTFILE(FILE, DATALINES) reads data for the specified
%  row interval(s) of text file FILENAME. Specify DATALINES as a
%  positive scalar integer or a N-by-2 array of positive scalar integers
%  for dis-contiguous row intervals.
%
%  Example:
%  VarName1 = importfile("C:\Users\tjagielski\Documents\Projects\School\Sophomore - Semester 1\QEA 2\Module 2\EEG Data\F.txt", [1, Inf]);
%
%  See also READTABLE.
%
% Auto-generated by MATLAB on 28-Nov-2019 17:38:14
```

Input handling

```
% If dataLines is not specified, define defaults
if nargin < 2
    dataLines = [1, Inf];
end
```

Setup the Import Options

```
opts = delimitedTextImportOptions("NumVariables", 1);

% Specify range and delimiter
opts.DataLines = dataLines;
opts.Delimiter = ",";

% Specify column names and types
opts.VariableNames = "VarName1";
opts.VariableTypes = "double";
opts.ExtraColumnsRule = "ignore";
opts.EmptyLineRule = "read";

% Import the data
tbl = readtable(filename, opts);
```

Convert to output type

```
VarName1 = tbl.VarName1;
```

```
end
```

Published with MATLAB® R2019a