

TR_1D_model1_SS\get_input_scalar

TR_1D_model1_SS\get_input_scalar.m

```
% TR_1D_model1_SS\get_input_scalar.m
%
% function value = get_input_scalar(prompt, ...
%   check_real,check_sign,check_int);
%
% This MATLAB m-file gets from the user an
% input scalar value of the appropriate type.
% It asks for input over and over again
% until a correctly typed input value
% is entered.
%
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% 7/2/2001
%
% Version as of 7/25/2001
```

```
function value = get_input_scalar(prompt, ...
    check_real,check_sign,check_int);
```

```
func_name = 'get_input_scalar';
name = 'trial_value';
```

```
input_OK = 0;
```

```
while (input_OK ~= 1)
    trial_value = input(prompt);
    [iflag_assert,message] = ...
        assert_scalar(0,trial_value, ...
            name,func_name, ...
            check_real,check_sign,check_int);
    if(iflag_assert == 1)
        input_OK = 1;
        value = trial_value;
    else
        disp(message);
    end
```

```
end
```

```
return;
```