

```
function res = targetF(x)
% TARGETF - The target step function we are approximating
%
% Written by:
% --
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%
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%
% Please send comments and especially bug reports to the
% above email address.
%
%-----

if( (x>=0.4) && (x<=0.6) ),
    res=1.0;
else
    res=0.0;
end;
```