```
% Cost of the problem
function c = cost(var)
global N;
% Note that var = [x;y;u]
x = var(1:N+1); y = var(N+2:2*N+2); u = var(2*N+3:3*N+3);
% Put here the cost
c = -y(end);
```

Published with MATLAB® R2014a