

```
%-----%
% BEGIN: function Q5P2_Endpoint.m          %
%-----%
function output = Q5P2_Endpoint(input)
% The possible outputs are "objective" and "eventgroup" I don't know what
% "eventgroup" is, but I'm pretty sure we are not using it.
% sprintf('Entering Endpoint')

J = input.phase.integral;          % This is the cost function
output.objective = J;

% global radius
% output.objective = radius;

% sprintf('Leaving Endpoint')
end
%-----%
% END: function Q5P2_Endpoint.m          %
%-----%
```