```
function inLoS = testLoS(r_site,r_sc,elevation_limit)
%DESCRIPTION: Determines whether the spacecraft is within line-of-
sight
%(LoS) of the site given an elevation limit
%
%INPUT:
% r_site            The position vector of the site (km, 3x1)
% r_sc              The position vector of the spacecraft (km, 3x1)
% elevation_limit   Lower elevation limit (above the horizon) (rad)
%
%OUTPUT:
% inLoS             A boolean flag (0 or 1); 1 indicates the
 spacecraft and
%                   the site have line-of-sight

%1) Compute whether the site and spacecraft have line of sight (hint,
 I
%suggest drawing a picture and writing this constraint as an
 inequality
%using a dot product)

angle = pi/2 - acos(dot(r_site,r_sc)/(norm(r_site)*norm(r_sc)));

inLoS = double(angle > elevation_limit);

end
```

```
Not enough input arguments.

Error in testLoS (line 18)
angle = pi/2 - acos(dot(r_site,r_sc)/(norm(r_site)*norm(r_sc)));
```

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