```matlab
function y = A4_func(x)
%UNTITLED3 Summary of this function goes here
%   Detailed explanation goes here
x1 = x(1);
x2 = x(2);
y = (((x1^3) - x2 - 1)^2) + (((x1^2) - x2)^2);
end
```

Published with MATLAB® R2018b