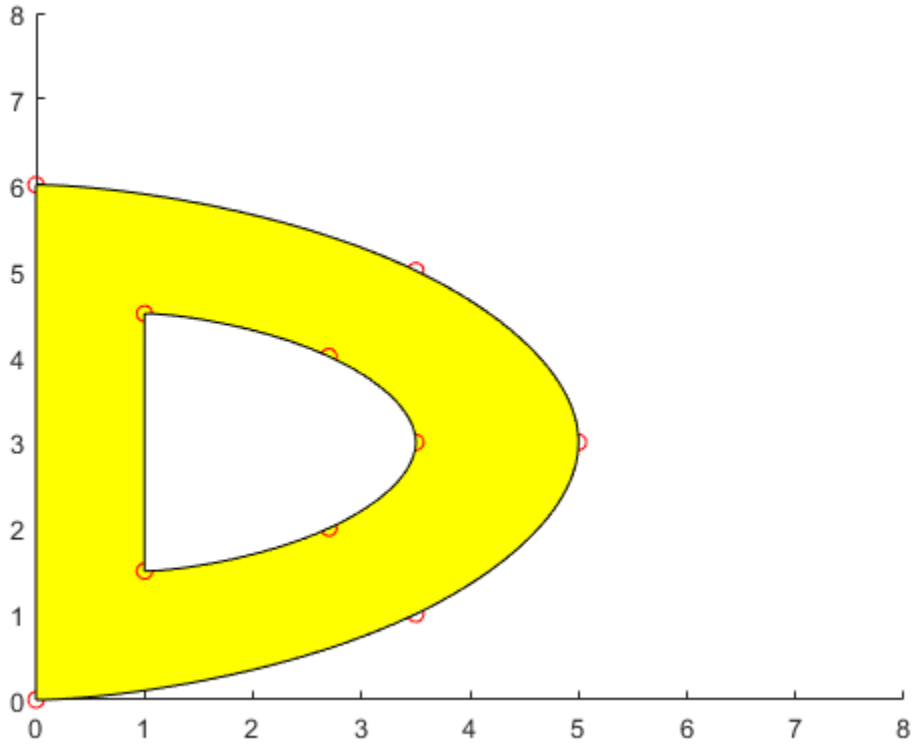
```
clf
hold off
axis([0 8 0 8])
hold on



%draw big D
x(1)=0;
y(1)=0;
x(2)=3.5;
y(2)=1;
x(3)=5;
y(3)=3;
x(4)=3.5;
y(4)=5;
x(5)=0;
y(5)=6;
plot(x,y,'ro')
t(1)=0;
n=length(x);
for j=2:n
    t(j)=t(j-1)+sqrt((x(j)-x(j-1))^2+(y(j)-y(j-1))^2);
end
tt=linspace(0,t(n),300);
xx=spline(t,x,tt);
yy=spline(t,[0,y,0],tt);
fill(xx,yy,'y')



%draw small d;
m(1)=1;
k(1)=1.5;
m(2)=2.7;
k(2)=2;
m(3)=3.5;
k(3)=3;
m(4)=2.7;
k(4)=4;
m(5)=1;
k(5)=4.5;
plot(m,k,'ro')
c=length(m);
d(1)=0;
for i=2:c
     d(i)=d(i-1)+sqrt((m(i)-m(i-1))^2+(k(i)-k(i-1))^2);
end
dd=linspace(0,d(c),300);
```

```
mm=spline(d,m,dd);
kk=spline(d,[0,k,0],dd);
fill(mm,kk,'w')
```



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