

```

function my_convolution=question5(f,g,h)
%i ssume f,g give the values in points
%i ssume f,g give the values in points
0,h...n*h
%f g column vectors
n=length(f);
my_convolution=zeros(n,1);
for i=1:n
    my_convolution(i)=h/2*(f(i)*g(1)+...
    2*f(i-1:-1:2)'*g(2:i-1)+...
    f(1)*g(i));
end
end

end

```