

```
function [result]=fc2(q,y,z)
% autotest vectors:
% q=[1:10]; y=q; z=q;
% --> result = -0.5942
% q=ones(1,10); y=q; z=q;
% --> result = 0.1667
N=length(y);
M=length(q); %same length: q, z
S1=0;
for i=2:N-1
    S1=S1+y(i)*y(i+1);
end
S2=0;
for i=2:M-1
    S2=S2+(q(i)+z(i+1))*(5-q(i-1)-z(i-1));
end
result=S1/S2;
end
```