```
> row:=proc(k)
> local i ,j,n,a,p ,q,e;
> p:=x^3-6.*x^2+11.*x-6.;
> n:=degree(p,x);
> for i from 0 to n do a(i):=coeff(p,x,i);printf(`\t
  a(%d)=%8.5f\n`,i,a(i)) od;printf(`\n`);
> q(1):=-a(n-1)/a(n);
> for i from 2 to n do q(i):=0  od;for i from 1 to n do
  printf(`\tq(%d)=%8.5f`,i,q(i));od;printf(`\n`);
> for i from 1 to n-1 do e(i):=a(n-i-1)/a(n-i)  ;printf(`e(%d)=%8.5
  f`,i,e(i));printf(`\t`); od;printf(`\n\n`);
> e(0):=0;e(n):=0;
> for j from 1 to k do
> for i from 1 to n do q(i):=q(i)+e(i)-e(i-1)  ;printf(`q(%d)=%8.5f
  `,i,q(i));printf(`\t`); od;printf(`\n`);
> for i from 1 to n-1 do e(i):=e(i)*q(i+1)/q(i)  ;printf(`e(%d)=%8.
  5f`,i,e(i));printf(`\t`); od;printf(`\n\n`);
> od;printf(`\n`);
> end:
>
> row(8);
 a(0)=-6.00000
 a(1)=11.00000
 a(2)=-6.00000
 a(3)= 1.00000

q(1)= 6.00000q(2)= 0.00000q(3)= 0.00000
e(1)=-1.83333e(2)=-0.54545

q(1)= 4.16667q(2)= 1.28788q(3)= 0.54545
e(1)=-0.56667e(2)=-0.23102

q(1)= 3.60000q(2)= 1.62353q(3)= 0.77647
e(1)=-0.25556e(2)=-0.11049

q(1)= 3.34444q(2)= 1.76860q(3)= 0.88696
e(1)=-0.13514e(2)=-0.05541

q(1)= 3.20930q(2)= 1.84833q(3)= 0.94237
```

```
e(1)=-0.07783e(2)=-0.02825

q(1)= 3.13147q(2)= 1.89791q(3)= 0.97062
e(1)=-0.04717e(2)=-0.01445

q(1)= 3.08430q(2)= 1.93064q(3)= 0.98506
e(1)=-0.02953e(2)=-0.00737

q(1)= 3.05477q(2)= 1.95280q(3)= 0.99243
e(1)=-0.01888e(2)=-0.00375

q(1)= 3.03589q(2)= 1.96793q(3)= 0.99618
e(1)=-0.01224e(2)=-0.00190


>
>
>
```