```
function SUM=intexample(k)

SUM=0;

increment=4/k;

x(1)=0;
y(1)=0;

for i=2:(k+1)
    x(i)=x(i-1)+increment;
    y(i)=3*(x(i)^2)-6*x(i);
    SUM=SUM+0.5*(y(i)+y(i-1))*(x(i)-x(i-1));
end
```

Not enough input arguments.

Error in intexample (line 5)
increment=4/k;

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