

```
> # Rectangular algorithm
> # Group 1, initialize.
> F:=x->evalf(exp(-x*x)):
> x0:=0:y0:=0:h:=0.1:
> Dots1:=[x0,y0]:
> # Group 2, repeat 10 times
> Y:=evalf(y0+h*F(x0)):
> x0:=x0+h:y0:=Y:
> Dots1:=Dots1,[x0,y0];
Dots1:= [0, 0], [0.1, 0.1], [0.2, 0.1990049834], [0.3, 0.2950839273], [0.4,
0.3864770458], [0.5, 0.4716914247], [0.6, 0.5495715030], [0.7,
0.6193391356], [0.8, 0.6806017750], [0.9, 0.7333310174], [1.0,
0.7778168240]
> # Group 3, plot.
> plot([Dots1]);
```

