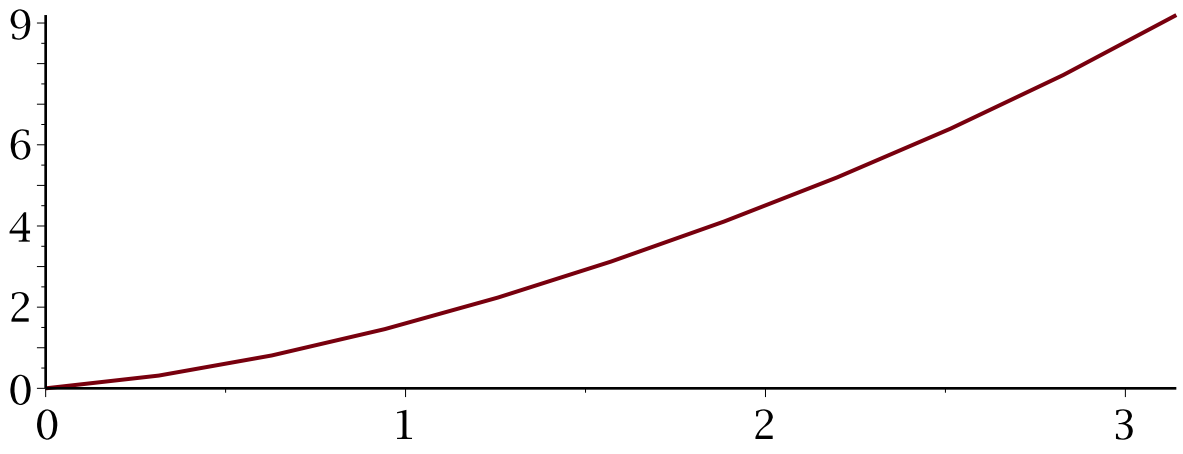```
> # Rectangular algorithm
> # Group 1, initialize.
> F:=x->evalf(cos(x) + 2*x):
> x0:=0:y0:=0:h:=0.1*Pi:
> Dots1:=[x0,y0]:
> # Group 2, repeat 10 times
> Y:=y0+h*F(x0):
> x0:=x0+h:y0:=evalf(Y):
> Dots1:=Dots1,[x0,y0];
```

$Dots1 := [0, 0], [0.3141592654, 0.3141592654], [0.6283185308,$     **(1)**
   $0.8103345700], [0.9424777962, 1.459278931], [1.256637062,$
   $2.236113378], [1.570796327, 3.122762282], [1.884955592,$
   $4.109722722], [2.199114857, 5.196994698], [2.513274122,$
   $6.394081131], [2.827433387, 7.719057650], [3.141592652, 9.196803225]$

```
> # Group 3, plot.
> plot([Dots1]);
```