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 generates the approximate solution by  $y_{n+1} = y_n + hf(t_n, y_n)$ ,  $t_{n+1} = t_n + h$  The Matlab code would use an initial point  $t_0$ , a final point  $t_{final}$ , an initial  
 value  $y_0$ , a step size  $h$ , and a function  $f$