$$\tilde{\phi}_{n+1} = \phi_n + \Delta t f\left(t_n, \phi_n\right)$$

$$\phi_{n+1} = \phi_n + \frac{\Delta t}{2}\left(f\left(t_n, \phi_n\right) + f(t_{n+1}, \tilde{\phi}_{n+1})\right)$$