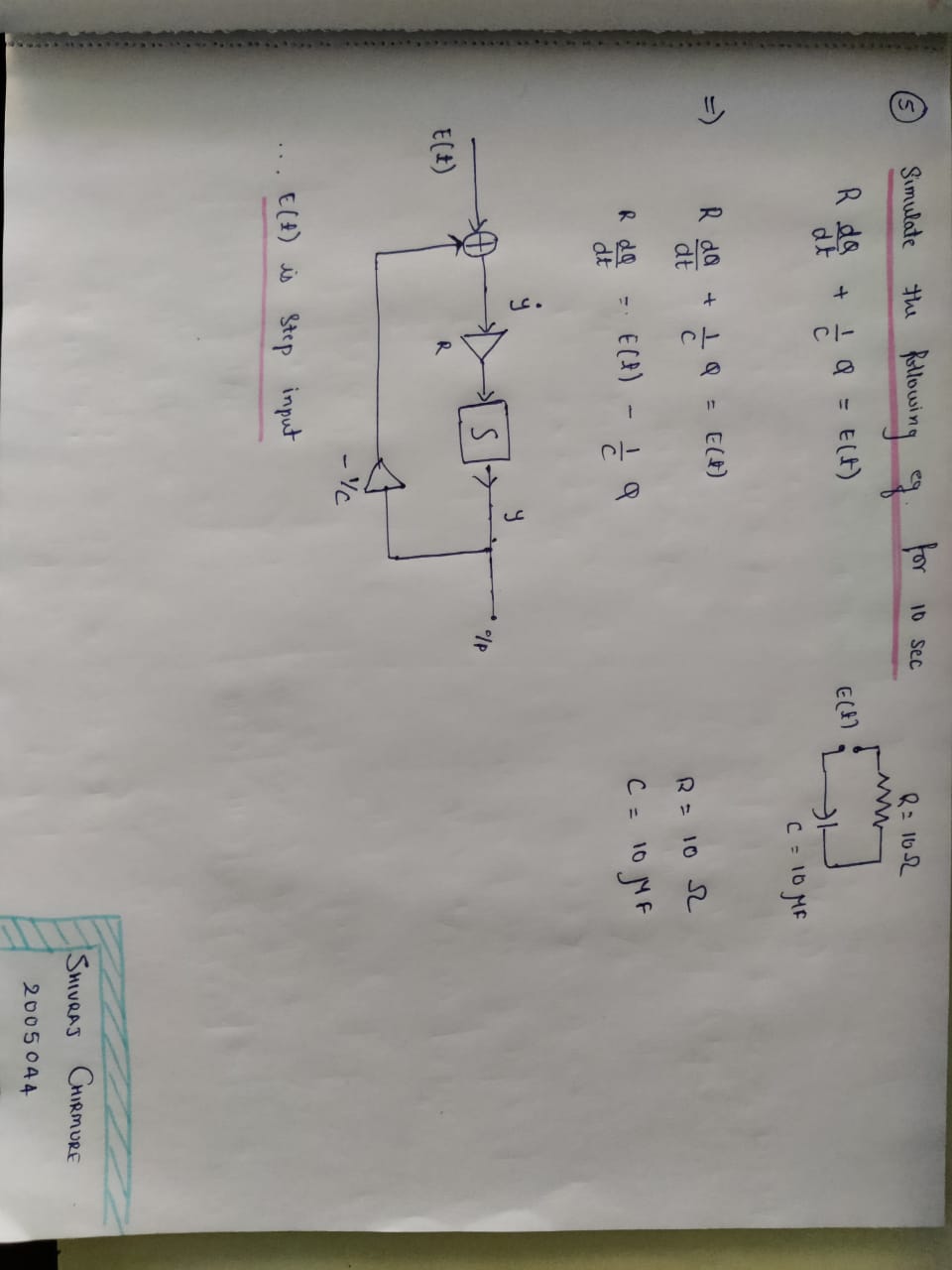
**Problem: 5**

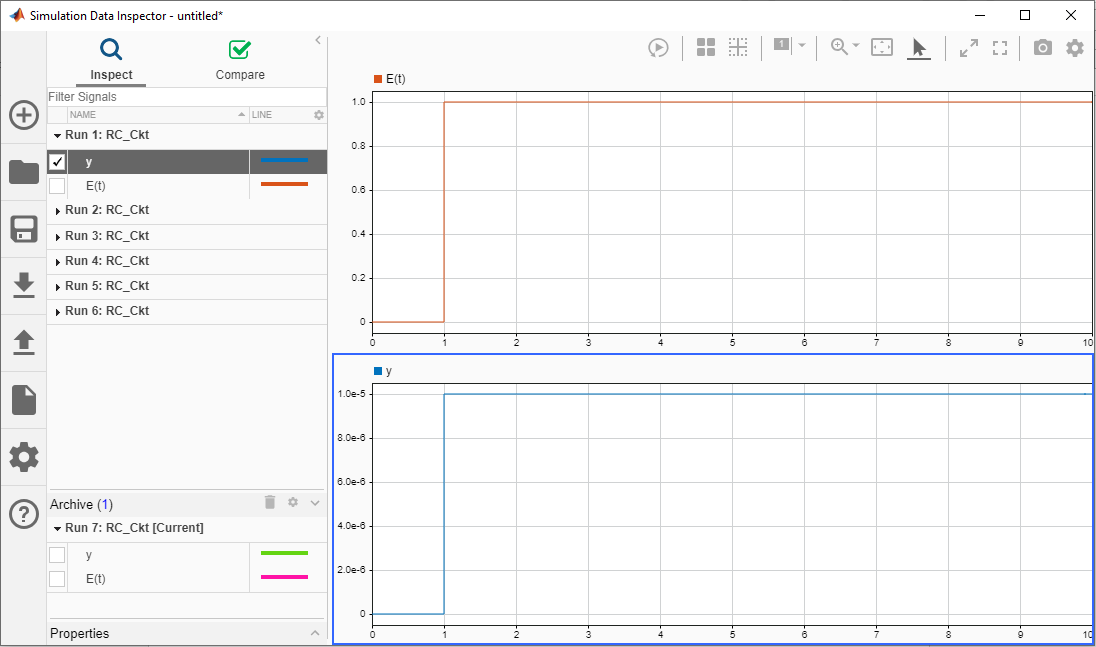
Simulate the following equation for 10 seconds

**R (dQ/dt) + (1/C)Q = E(t)**

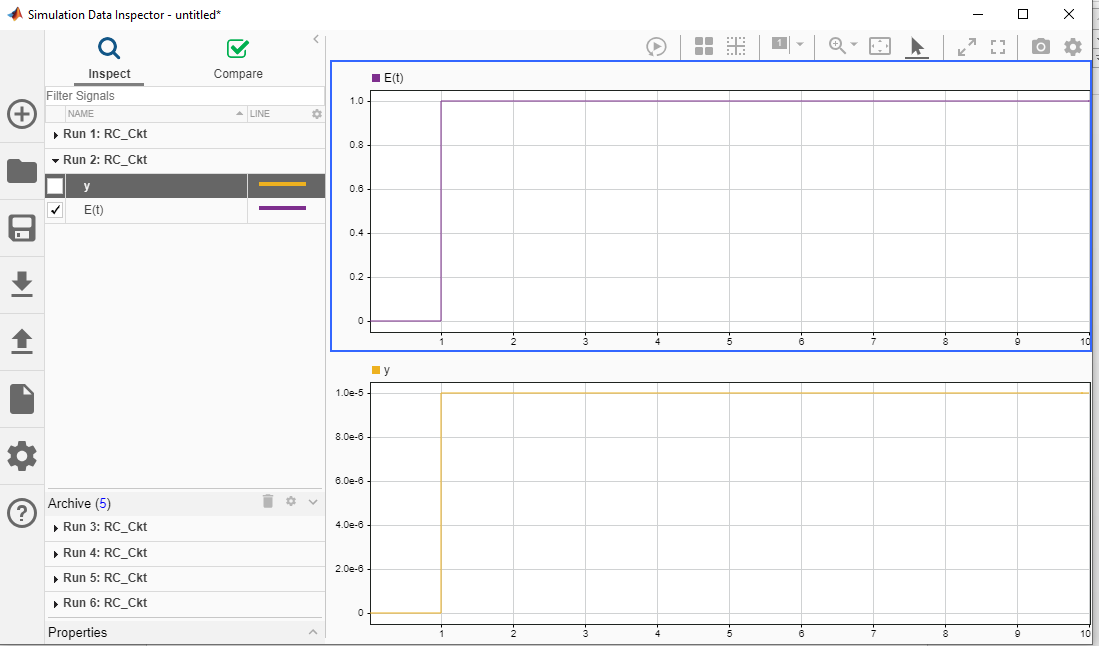
**Calculation:**



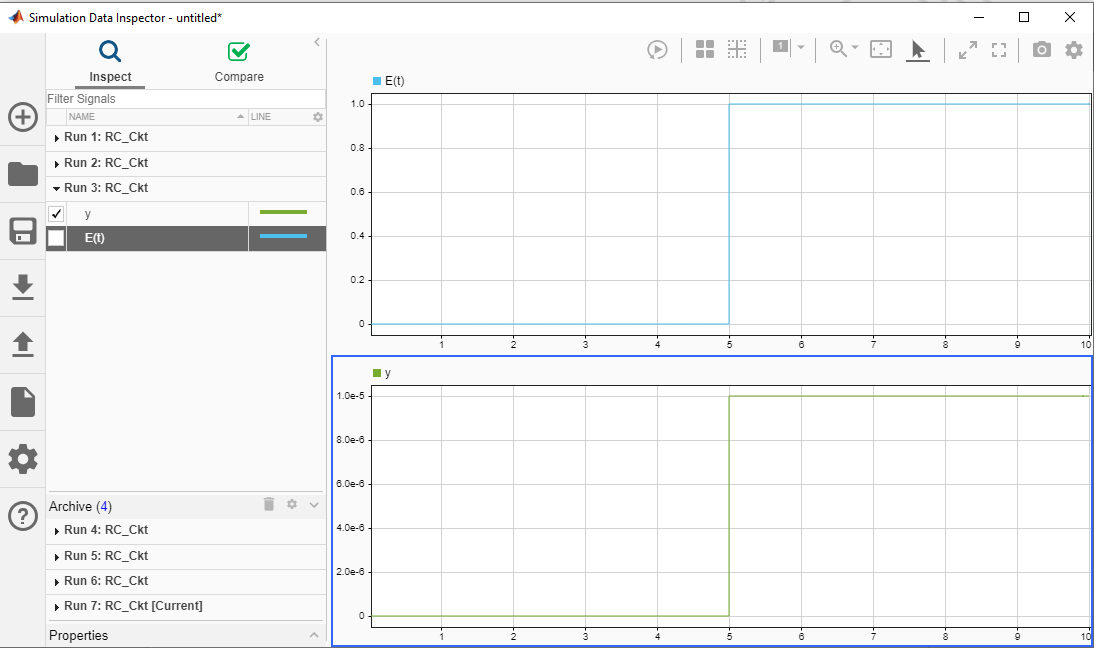
**Run 1:**

****

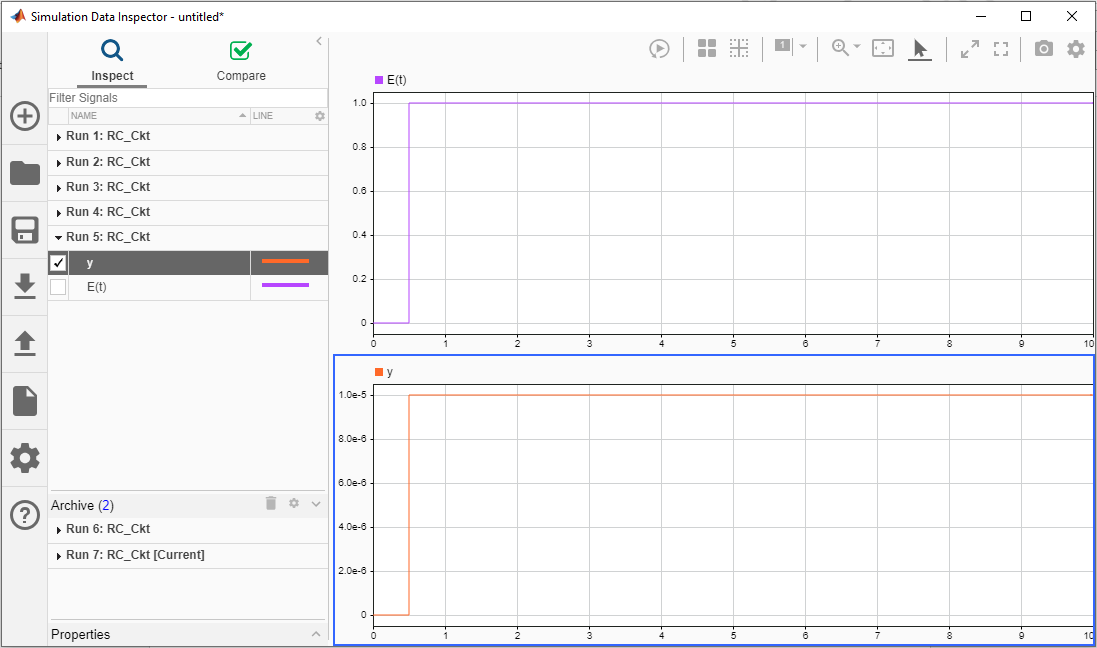
**Run 2:**

****

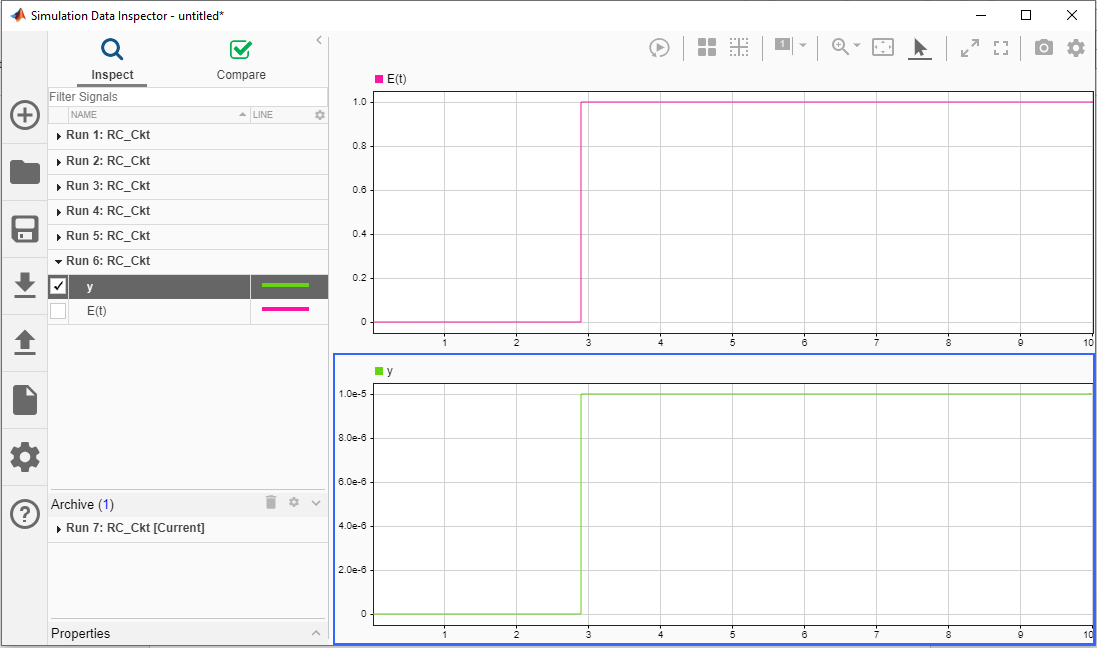
**Run 3:**

****

**Run 4:**

****

**Run 5:**

****

**Run 6:**

