**Open the data file**

**Open the output file**

**Read the first data line**

**Assign the first number to R1 and assign the second number to R2**

**Write to output file**

**Simulation of System of Electrical Resistive Network**

**======================================**

**R1 = the value from R1, R2 = the value from R2**

**Write to output file**

**Vs(t) Vr(t)**

**---------------------------------------**

**Read from data file the number then assign it to variable Vs**

**Start a while loop with condition being Vs, repeat doing the following 3 things**

**Compute Vr according to formula given in the book**

**Write to output file Vs & Vr**

**read again from data file the number then assign it to variable Vs**