Moore's law is the observation that the number of transistors in a dense integrated circuit doubles about every two years.

Moore's law stopped being true because :-

1. As the transistors increase, the demand for power increases, which increases the heat.
2. Smaller transistors turn more easily
3. Exponential density changes will result in an exponential rise in speed
4. The transistor has to switch to a minimum voltage, and the voltage reduction due to noise has lower limits.
5. The voltage scaling reduces the complex power consumption.
6. Voltage scaling does not prevent the leakage of electricity.