1.9 **GAS**

To overcome the infinite loop problem Ethereum introduce a term known as a **GAS.**

GAS is the internal currency of Ethereum.

In every statement of transaction which includes the expression and other programming logics (variable, initialization and etc) which execute has some cost.

Every instruction has the cost and the GAS is provided to meet the cost. Program will run according to how much GAS will be left to meet the cost. When there is no GAS program will stop